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Sealed Autofuse® Holder Components - Fuse Types ATO® and ATC®



ES9 BODY (green rear seal)
ES910 BODY (red rear seal)
12066681 (gray rear seal)



ES9 CAP



MPF-630P2S-12
MPF-630P2S-15

Part #	OEM #	Description	Gauge	Plating
12066681	12066681	Connector, Metri-Pack 630 Series, 2-way, P2S, with seals	16-14	----
ES9 BODY	12033769	Connector, Metri-Pack 630 Series, 2-way, P2S, with seals	12	----
ES9 CAP	12033731	Inline cover for Metri-Pack 630 Series	----	----
ES910 BODY	12085030	Connector, Metri-Pack 630 Series, 2-way, P2S, with seals	10	----
MPF-630P2S-12	*12033997	Terminal, Metri-Pack 630 Series, tin brass, P2S, female	12-10	Tin
MPF-630P2S-15	12066614	Terminal, Metri-Pack 630 Series, tin brass, P2S, female	16-14	Tin

*Available on reels

Sealed MINI® Fuse Holder Components - Fuse Types "MINI®" or ATM®



F280SS-2



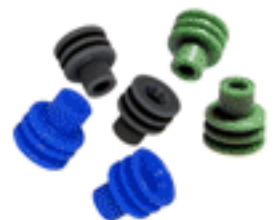
280TPA-2



ES10 CAP



MPF-280S-12
MPF-280S-15
MPF-280S-19



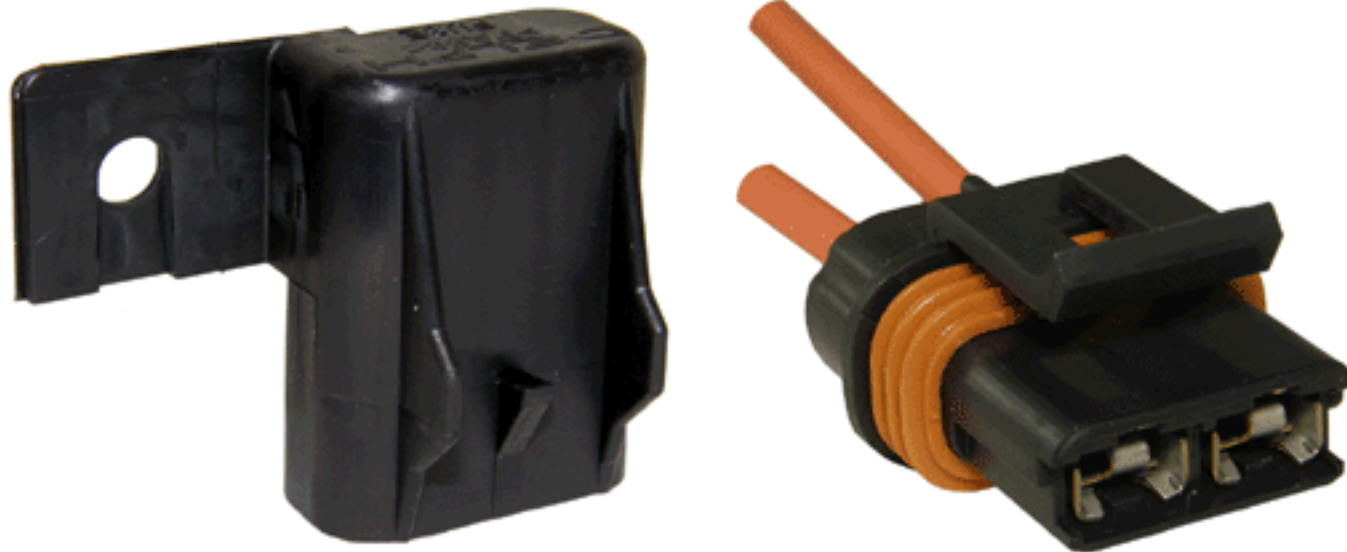
WPS-BLU
WPS-GRA
WPS-GRN

Part #	OEM #	Description	Gauge	Plating
280TPA-2	15300014	Terminal position assurance latch, Metri-Pack 280 Series, 2-way	----	----
ES10 CAP	----	Inline cover for Metri-Pack 280 Series, IMDS certified	----	----
F280SS-2	15300027	Connector, Metri-Pack 280 Series, MINI®, 2-way	----	----
MPF-280S-12	12077413	Terminal, Metri-Pack 280 Series, tin brass, female	12	Tin
MPF-280S-15	*12129493	Terminal, Metri-Pack 280 Series, tin brass, female	16-12	Tin
MPF-280S-19	*12077411	Terminal, Metri-Pack 280 Series, tin brass, female	20-16	Tin
WPS-BLU	*12015193/15324981	Blue cable seal, Metri-Pack 280 Series and Weather Pack	12-10	----
WPS-GRA	*12010293/15324980	Gray cable seal, Metri-Pack 280 Series and Weather Pack	16-14	----
WPS-GRN	*12015323/15324982	Green cable seal, Metri-Pack 280 Series and Weather Pack	20-18	----

*Available on reels

Images are not to scale.

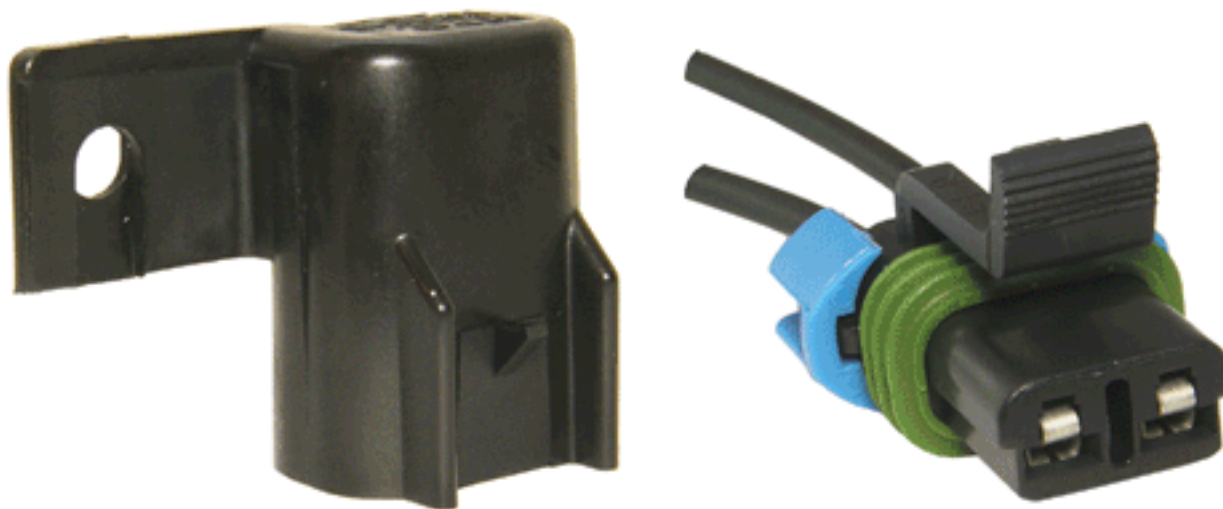
Sealed Autofuse® Holders



TYPICAL SEALED AUTOFUSE® HOLDER

<u>Part #</u>	<u>Rating</u>	<u>Wire</u>
WP-200F-ES9	30A	9" leads 12 gauge GXL, orange
WP-200F-ES910	40A	12" leads 10 gauge TEW/UL 1015, red
WP-200F-ES916R	20A	12" leads 16 gauge SXL, red
WP-200F-ES9M	30A	10" leads 12 gauge TEW/UL 1015, orange
WP-200F-ES9MW	30A	10" leads 12 gauge TEW/UL 1015, white
WP-200F-ES9R	30A	9" leads 12 gauge SXL, red

Sealed MINI® Fuse Holders



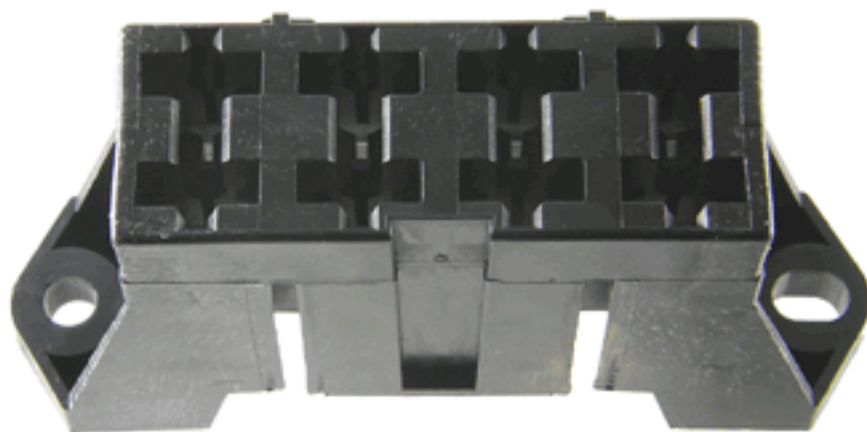
TYPICAL SEALED MINI® FUSE HOLDER

<u>Part #</u>	<u>Rating</u>	<u>Wire</u>
WP-200F-ES12	30A	10" leads 12 gauge GXL, orange
WP-200F-ES14	25A	10" leads 14 gauge GXL, orange
WP-200F-ES16	20A	10" leads 16 gauge SXL, black

All are made with our IMDS-certified ES10 CAP.

Unsealed Fuse Holder Components

4-Gang Autofuse® Holder



AFH-4G



AFT-11



AFT11-4G

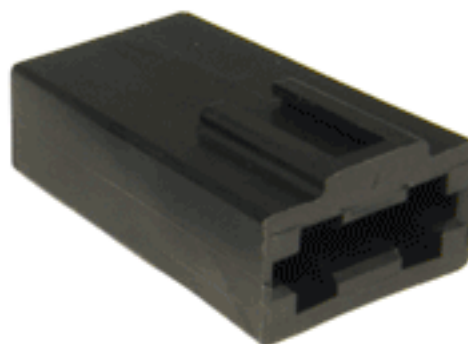
<u>Part #</u>	<u>OEM #</u>	<u>Description</u>	<u>Gauge</u>	<u>Plating</u>
AFH-4G	12004943	Fuse block, Autofuse® series, 4-way	----	----
AFT-11	*12020400	Terminal, Pack-Con III, brass, female	12-10	Unplated
AFT-11-4G	12004568	4-gang buss bar, Pack-Con III, brass, female	12-10	Unplated

*Available on reels

OEM Style Unsealed Autofuse® Holder



AFT-11
AFT-15



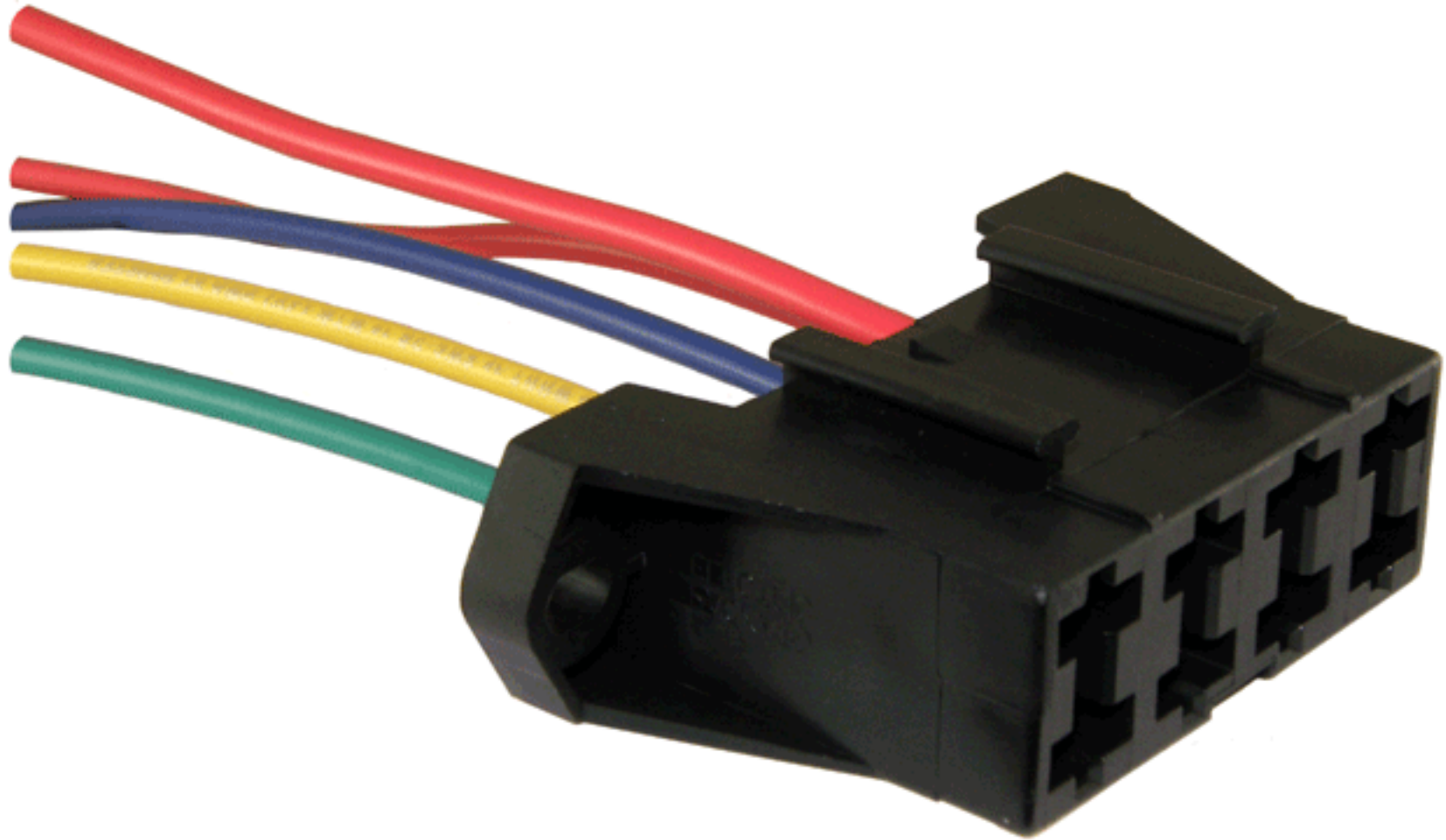
F-SHELL

<u>Part #</u>	<u>OEM #</u>	<u>Description</u>	<u>Gauge</u>	<u>Plating</u>
AFT-11	*12020400	Terminal, Pack-Con III, brass, female	12-10	Unplated
AFT-15	*12020321	Terminal, Pack-Con III, brass, female	16-14	Unplated
F-SHELL	12010105	Fuse holder body, Autofuse®, single	----	----

*Available on reels

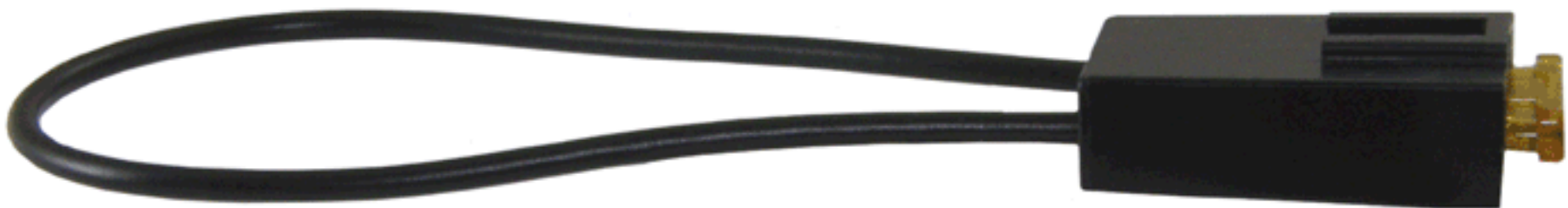
Images are not to scale.

Unsealed Fuse Holders - For types ATO Autofuse® and ATC® fuses



4G-WP200FHD

- 10 gauge feed with four fused 12 gauge outputs
- Four circuit combination up to 40 amps
- Stackable
- Mounting holes



(Fuse not supplied)

<u>Part #</u>	<u>Rating</u>	<u>Wire</u>	<u>Application</u>
WP-200F	20A	10" loop 14 gauge GPT, black	General purpose
WP-200FHD	30A	10" loop 12 gauge GXL, orange	Heavy duty
WP-200F-HDRV	30A	18" loop 12 gauge UL 1015, red	RV, heavy duty
WP-200F-SDRV	20A	18" loop 16 gauge UL 1015, black	RV, general purpose

Sealed Fuse Holder Inline Connection Kits - Autofuse®

- Contains everything needed to create a sealed Autofuse® holder except the wire
- User supplies and cuts wire to the length needed
- Suitable for special applications
- Each kit builds one sealed Autofuse® holder



Kit Contents

<u>Kit</u>	<u>Part #</u>	<u>OEM #</u>	<u>Description</u>	<u>Quantity</u>
12066681 KIT (20 Amps Max)	12066681	12066681	Female connector, connector seal, gray cable seal	1
	ES9 CAP	12033769	Inline cover for connector	1
	MPF-630P2S-15	12066614	Terminal, tin brass, tin-plated, female	3
ES9 KIT (30 Amps Max)	ES9 BODY	12033769	Female connector, connector seal, green cable seal	1
	ES9 CAP	12033769	Inline cover for connector	1
	MPF-630P2S-12	12033997	Terminal, tin brass, tin-plated, female	2
ES910 KIT (40 Amps Max)	ES910BODY	12085030	Female connector, connector seal, red cable seal	1
	ES9 CAP	12033769	Inline cover for connector	1
	MPF-630P2S-12	12033997	Terminal, tin brass, tin-plated, female	2

Images are not to scale.

Sealed Fuse Holder Inline Connection Kits - MINI®

- Contains everything needed to create a sealed MINI® fuse holder except the wire
- User supplies and cuts wire to the length needed
- Suitable for special applications
- Each kit builds one sealed MINI® fuse holder



Kit	Part #	OEM #	Kit Contents	
			Description	Quantity
ES12 KIT (30 Amps Max)	280TPA-2	15300014	Terminal position assurance latch	1
	ES10 CAP	----	Inline cover for connector, IMDS certified	1
	F280SS-2	15300027	Female connector with connector seal	1
	WPS-BLU	12015193/15324981	Blue cable seal	2
	MPF-280S-15	12129493	Terminal, tin brass, tin-plated, female	2
ES16 KIT (20 Amps Max)	280TPA-2	15300014	Terminal position assurance latch	1
	ES10 CAP	----	Inline cover for connector, IMDS certified	1
	F280SS-2	15300027	Female connector with connector seal	1
	WPS-GRA	12010293/15324980	Gray cable seal	2
	MPF-280S-19	12077411	Terminal, tin brass, tin-plated, female	2

Images are not to scale.



Fusible Link Wire			Part #				
Gauge	SQ MM	Color	25' Spool	50' Spool	9" Link	Service Pack	Bulk Reel
22	0.35	Rust	3334	3334-50	UFL-22	ULF-22SP	FLW - 22 GAUGE
20	0.5	Gray	3335	3335-50	UFL-20	UFL-20SP	FLW - 20 GAUGE
18	0.8	Blue	3326	3326-50	UFL-18	UFL-18SP	FLW - 18 GAUGE
16	1.0	Black	3327	3327-50	UFL-16	UFL-16SP	FLW - 16 GAUGE
14	2.0	Gray	3328	3328-50	UFL-14	UFL-14SP	FLW - 14 GAUGE
12	3.0	Blue	3329	3329-50	UFL-12	UFL-12SP	FLW - 12 GAUGE
10	5.0	Rust	3330	3330-50	UFL-10	UFL-10SP	FLW - 10 GAUGE
8	8.0	Black	3331	3331-50	UFL-8	UFL-08SP	FLW - 8 GAUGE



Images are not to scale.

Heat-treated spring steel with black corrosion-resistant finish for general-purpose use and securing wires, cables, and hoses to truck frames. These are sold only in bulk with a 5,000-piece minimum. Clips are not assortable.



WP-3



WP-3-PD



WP-4



WP-4-PD



WP-6



WP-6-PD

Part #	Description
WP-3	Medium frame
WP-4	Small frame
WP-6	Large frame
WP-3-PD	Medium frame, dipped
WP-4-PD	Small frame, dipped
WP-6-PD	Large frame, dipped

Vinyl plastisol-coated clips protect cable assemblies against abrasion and vibration. The coating is permanently bonded to the clip.

Metri-Pack 150 Series Sealed Connectors and Latches



Part #	OEM #	Description	Mates With
150TPA-2	12052634	Terminal position assurance latch, 2-way	----
150TPA-3	12052845	Terminal position assurance latch, 3-way	----
150TPA-4	12047948	Terminal position assurance latch, 4-way	----
150TPA-5	12092844	Terminal position assurance latch, 5-way	----
F150SS-2	12052641	2-way connector, female	M150SS-2
F150SS-3	12110293	3-way connector, female	M150SS-3
F150SS-4	12162144	4-way connector, female	M150SS-4
F150SS-5	12146045	5-way connector, female	M150SS-5
M150SS-2	12162000	2-way connector, male	F150SS-2
M150SS-3	12129615	3-way connector, male	F150SS-3
M150SS-4	12162102	4-way connector, male	F150SS-4
M150SS-5	12103974	5-way connector, male	F150SS-5

Metri-Pack 150 Series Sealed Terminals, Seals, and Cavity Plug



Part #	OEM #	Description	Gauge	Insulation Diameter
MP-150S-BLU	12048087/15324974	Blue cable seal	22	1.70-1.29 mm
MP-150S-PLG	12059168	Red cavity plug	----	----
MP-150S-RED	*12048086/15324973	Red cable seal	20-16	2.85-2.03 mm
MP-150S-WHT	12089678/15324976	White cable seal	20	2.15-1.60 mm
MPF-150S-18	*12048074	Terminal, silicone bronze, female	20-16	----
MPF-150S-21	12084200	Terminal, silicone bronze, female	22-20	----
MPM-150S-19	12045773	Terminal, tin bronze, male	20-16	----
MPM-150S-21	12077628	Terminal, tin bronze, male	22-20	----

*Available on reels

Images are not to scale.

Metri-Pack 150 Series Sealed - Pull-to-Seat Device Connectors (supplied with multi-wire rear seals)



Part #	OEM #	Description
1501 BODY	12162443	150 Series, 2-way, P2S, female
1502 BODY	12162444	150 Series, 2-way, P2S, female
1503 BODY	12162197	150.2 Series, 2-way, P2S, female
1504 BODY	12162193	150.2 Series, 2-way, P2S, female
1505 BODY	12162215	150.2 Series, 2-way, P2S, female
1507 BODY	12162188	150.2 Series, 4-way, P2S, female
1508 BODY	12162182	150.2 Series, 3-way, P2S, female
1511 BODY	12162280	150.2 Series, 3-way, P2S, female
1520 BODY	12065287	150 Series, 3-way, P2S, female
1521 BODY	12162825	150.2 Series, 5-way, P2S, female
1522 BODY	12162210	150.2 Series, 6-way, P2S, female

Metri-Pack 150 Series Sealed - Pull-to-Seat Terminals and Cavity Plug



Part #	OEM #	Description	Gauge
1522 CAVITYPLUG	12034413	Cavity plug, 150 Series, P2S	----
MPF-150.2P2S-17	*12124075	Terminal, 150.2 Series, silicon bronze, P2S, female	18-16
MPF-150.2P2S-21	12124076	Terminal, 150.2 Series, silicon bronze, P2S, female	22-20
MPF-150P2S-19	*12103881	Terminal, 150 Series, silicon bronze, P2S, female	20-18
MPF-150P2S-21	12089290	Terminal, 150 Series, silicon bronze, P2S, female	22-20

*Available on reels

Images are not to scale.

Metri-Pack 150 Series Sealed Inline Connection Kits



Kit	Kit Contents				
	Part #	OEM #	Description	Quantity	
FK150SS-2 Connector Kit	150TPA-2	12052634	Terminal position assurance latch	1	
	F150SS-2	12052641	Female connector	1	
	MP-150S-RED	12048086/15324973	Cable seal, 20-16 gauge	3	
	MPF-150S-18	12048074	Terminal, tin-plated, female, 20-16 gauge	3	
FMK-150SS-2	150TPA-2	12052634	Terminal position assurance latch	2	
	F150SS-2	12052641	Female connector	1	
	M150SS-2	12162000	Male connector	1	
	MP-150S-RED	12048086/15324973	Cable seal, 20-16 gauge	4	
	MPF-150S-18	12048074	Terminal, tin-plated, female, 20-16 gauge	2	
	MPM-150S-19	12045773	Terminal, tin-plated, male, 20-18 gauge	2	
FMK-150SS-3	150TPA-3	12052845	Terminal position assurance latch	2	
	F150SS-3	12110293	Female connector	1	
	M150SS-3	12129615	Male connector	1	
	MP-150S-RED	12048086/15324973	Cable seal, 20-16 gauge	6	
	MPF-150S-18	12048074	Terminal, tin-plated, female, 20-16 gauge	3	
	MPM-150S-19	12045773	Terminal, tin-plated, male, 20-18 gauge	3	
FMK-150SS-4	150TPA-4	12047948	Terminal position assurance latch	2	
	F150SS-4	12162144	Female connector	1	
	M150SS-4	12162102	Male connector	1	
	MP-150S-RED	12048086/15324973	Cable seal, 20-16 gauge	8	
	MPF-150S-18	12048074	Terminal, tin-plated, female, 20-16 gauge	4	
	MPM-150S-19	12045773	Terminal, tin-plated, male, 20-18 gauge	4	
FMK-150SS-5	150TPA-5	12092844	Terminal position assurance latch	2	
	F150SS-5	12146045	Female connector	1	
	M150SS-5	12103974	Male connector	1	
	MP-150S-RED	12048086/15324973	Cable seal, 20-16 gauge	10	
	MPF-150S-18	12048074	Terminal, tin-plated, female, 20-16 gauge	5	
	MPM-150S-19	12045773	Terminal, tin-plated, male, 20-18 gauge	5	

Images are not to scale.

Metri-Pack 280 Series Sealed Connectors



2800 BODY



2801 BODY



2802 BODY



2803 BODY



2804 BODY



2813 BODY



F280SS-1



F280SS-2



F280SS-3



F280SS-5



M280SS-1



M280SS-2



M280SS-3



M280SS-5



ES10 CAP

Use the ES10 CAP with the F280SS-2 to create a sealed MINI® fuse holder.

<u>Part #</u>	<u>OEM #</u>	<u>Description</u>	<u>Mates With</u>
2800 BODY	12048369	280 series, 3-way, female	9004 halogen bulb
2801 BODY	12059183	280 series, 2-way, female	9005 halogen bulb
2802 BODY	12059181	280 series, 2-way, female	9006 halogen bulb
2803 BODY	12124819	280 series, 2-way, female	881 halogen bulb
2804 BODY	12020599	280 series, 2-way, female	Device
2813 BODY	12129487	280 series, 2-way, female	Window lift motor
ES10 CAP	----	Cover for F280SS-2, IMDS certified	----
F280SS-1	12065172	280 series, 1-way, female	12077411
F280SS-2	15300027	280 series, 2-way, female	----
F280SS-3	12040977	280 series, 3-way, female	Device
F280SS-5	12084891	280 series, 5-way, female	M280SS-5
M280SS-1	12065171	280 series, 1-way, male	----
M280SS-2	15300002	280 series, 2-way, male	ES10 CONNECTOR
M280SS-3	15300003	280 series, 3-way, male	----
M280SS-5	12186400	280 series, 5-way, male	F280SS-5

Images are not to scale.

Metri-Pack 280 Series Sealed Latches



2803 LATCH



280TPA-1



280TPA-2



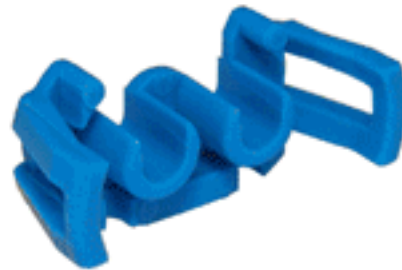
2810 LATCH



2813 LATCH



F280TPA-3



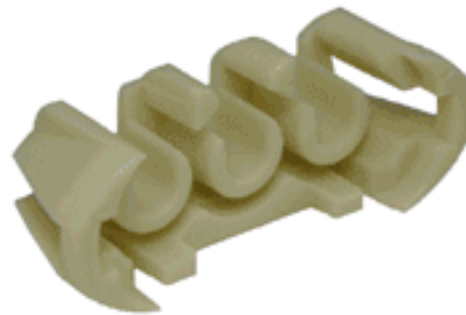
H-2 CLIP



F280SS-5L



M280SS-5L



M280TPA-3



MP-CPA



WP-CPA

<u>Part #</u>	<u>OEM #</u>	<u>Description</u>
2803 LATCH	12020807	Terminal position assurance latch, 2-way
280TPA-1	12065249	Terminal position assurance latch, 1-way
280TPA-2	15300014	Terminal position assurance latch, 2-way
2810 LATCH	12034446	Terminal position assurance latch, 2-way
2813 LATCH	12077904	Terminal position assurance latch, 2-way
F280SS-5L	15324857	Terminal position assurance latch, 5-way
F280TPA-3	12034145	Terminal position assurance latch, 3-way
H-2 CLIP	12059185	Terminal position assurance, 2-way, for 2801 BODY and 2802 BODY connectors
M280SS-5L	12084673	Terminal position assurance latch, 5-way
M280TPA-3	15300015	Terminal position assurance latch, 3-way
MP-CPA	12052834	Connector position assurance
WP-CPA	12020833	Connector position assurance

Images are not to scale.

Metri-Pack 280 Series Sealed Terminals and Seals



MPF-280NTS-11
MPF-280NTS-13
MPF-280NTS-15



MPF-280NTS-17
MPF-280NTS-21



MPF-280S-12
MPF-280S-15



MPF-280S-19
MPF-280S-21



MPM-280S-15



MPM-280S-19
MPM-280S-21



CABLE SEALS

<u>Part #</u>	<u>OEM #</u>	<u>Description</u>	<u>Gauge</u>	<u>Insulation Diameter</u>
MPF-280NTS-11	12110853	Terminal, sealed, tangless, female	12-10	----
MPF-280NTS-13	12110845	Terminal, sealed, tangless, female	14-12	----
MPF-280NTS-15	12129409	Terminal, sealed, tangless, female	16-14	----
MPF-280NTS-17	12110847	Terminal, sealed, tangless, female	18-16	----
MPF-280NTS-21	12110846	Terminal, sealed, tangless, female	22-20	----
MPF-280S-12	12077413	Terminal, sealed, female	12	----
MPF-280S-15	12129493	Terminal, sealed, female	16-12	----
MPF-280S-19	12077411	Terminal, sealed, female	20-16	----
MPF-280S-21	12084201	Terminal, sealed, female	22-20	----
MPM-280S-15	12129497	Terminal, sealed, male	16-12	----
MPM-280S-19	12048159	Terminal, sealed, male	20-18	----
MPM-280S-21	12124977	Terminal, sealed, male	22-20	----
WPS-BLU	*12015193/15324981	Blue cable seal	12	4.30-3.45 mm
WPS-GRA	*12010293/15324980	Gray cable seal	16-14	3.49-2.81 mm
WPS-GRN	*12015323/15324982	Green cable seal	20-18	2.85-2.03 mm
WPS-PPL	*12089679/15324985	Purple cable seal	24-20	2.15-1.60 mm
WPS-RED	*12015899/15324983	Red cable seal	22-20	1.70-1.29 mm
WPS-TAN	*12041351/15324984	Tan cable seal	20-18	2.42-2.03 mm

*Available on reels

Images are not to scale.

Metri-Pack 280 Series Sealed Inline Connection Kits



Kit Contents

<u>Kit</u>	<u>Part #</u>	<u>OEM #</u>	<u>Description</u>	<u>Quantity</u>
FMK-280SS-1	280TPA-1	12065249	Terminal position assurance latch	2
	F280SS-1	12065172	Female connector	1
	M280SS-1	12065171	Male connector	1
	WPS-BLU	12015193/15324981	Cable seal, 12-gauge	2
	WPS-GRA	12010293/15324980	Cable seal, 16-14 gauge	2
	MPF-280S-15	12129493	Terminal, tin-plated, female, 16-12 gauge	1
	MPM-280S-15	12129497	Terminal, tin-plated, male, 16-12 gauge	1
FMK-280SS-2	280TPA-2	15300014	Terminal position assurance latch	2
	F280SS-2	15300027	Female connector	1
	M280SS-2	15300002	Male connector	1
	WPS-BLU	12015193/15324981	Cable seal, 12-gauge	4
	WPS-GRA	12010293/15324980	Cable seal, 16-14 gauge	4
	MPF-280S-15	12129493	Terminal, tin-plated, female, 16-12 gauge	2
	MPM-280S-15	12129497	Terminal, tin-plated, male, 16-12 gauge	2
FMK-280SS-3	F280TPA-3	12034145	Terminal position assurance latch	1
	M280TPA-3	15300015	Terminal position assurance latch	1
	F280SS-3	12040977	Female connector	1
	M280SS-3	15300003	Male connector	1
	WPS-BLU	12015193/15324981	Cable seal, 12-gauge	6
	WPS-GRA	12010293/15324980	Cable seal, 16-14 gauge	6
	MPF-280S-15	12129493	Terminal, tin-plated, female, 16-12 gauge	3
	MPM-280S-15	12129497	Terminal, tin-plated, male, 16-12 gauge	3

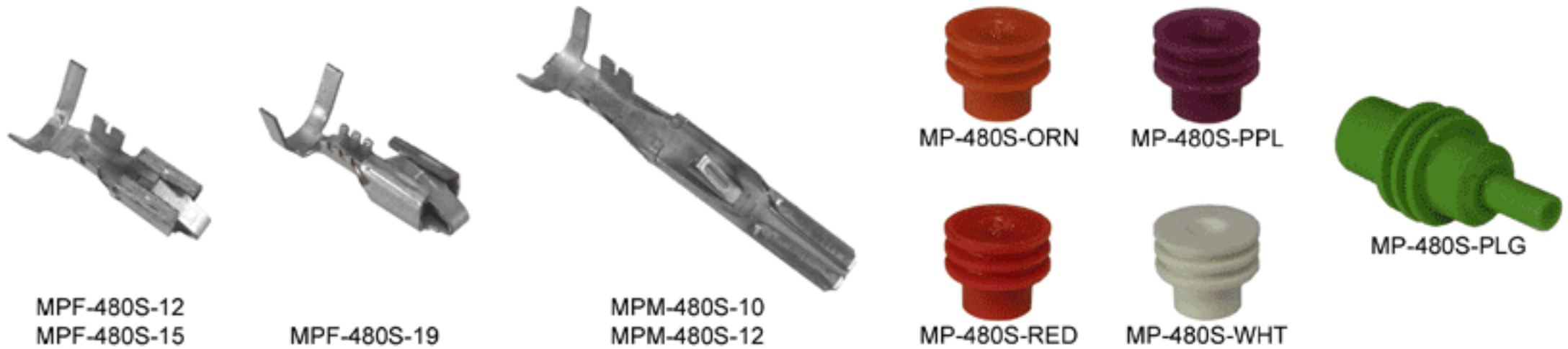
Images are not to scale.

Metri-Pack 480 Series Sealed Connections



Part #	OEM #	Description
480TPA-2	12059897	Terminal position assurance latch, 2-way
F480SS-2	12052613	2-way, female
M480SS-2	12065863	2-way, male
WP-CPA	12020833	Connector position assurance

Metri-Pack 480 Series Sealed Terminals and Seals



Part #	OEM #	Description	Gauge	Insulation Diameter
MP-480S-ORN	15324987/12034170	Orange cable seal	10	5.16-4.40 mm
MP-480S-PLG	12066082	Green cavity plug	----	----
MP-480S-PPL	15324990/12048443	Purple cable seal	12-10	4.50-3.61 mm
MP-480S-RED	15324989/12048442	Red cable seal	14-12	3.76-2.81 mm
MP-480S-WHT	15324988/12048441	White cable seal	20-16	2.85-2.01 mm
MPF-480S-12	12052139	Terminal, female	12-10	----
MPF-480S-15	12048451	Terminal, female	16-14	----
MPF-480S-19	12048450	Terminal, female	20-18	----
MPM-480S-10	12052172	Terminal, male	10	----
MPM-480S-12	12065197	Terminal, male	12	----

Images are not to scale.

Metri-Pack 480 Series Sealed Inline Connection Kit


<u>Kit</u>	<u>Part #</u>	<u>OEM #</u>	<u>Kit Contents</u>	<u>Description</u>	<u>Quantity</u>
FMK-480SS-2	480TPA-2	12059897		Terminal position assurance latch	2
	F480SS-2	12052613		Female connector	1
	M480SS-2	12065863		Male connector	1
	MP-480S-ORN	15324987/12034170		Cable seal, fits most 10-gauge wire	4
	MP-480S-PPL	15324990/12048443		Cable seal, fits most 12-gauge wire	4
	MPF-480S-12	12052139		Terminal, tin-plated, female, 12-10 gauge	2
	MPM-480S-12	12065197		Terminal, tin-plated, male, 12 gauge	2
	MPM-480S-10	12052172		Terminal, tin-plated, male, 10 gauge	2

Images are not to scale.

Metri-Pack 630 Series Sealed Connections



F630SS-3



M630SS-3



630TPA-3



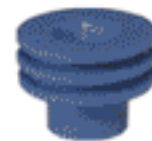
WP-CPA



MPF-630S-12



MPM-630S-10
MPM-630S-12



MP-630S-BLU



MP-630S-GRN



MP-630S-PLG

<u>Part #</u>	<u>OEM #</u>	<u>Description</u>	<u>Gauge</u>	<u>Insulation Diameter</u>
630TPA-3	12045699	Terminal position assurance latch, 3-way	----	----
F630SS-3	12124685	Connector, 3-way, female	----	----
M630SS-3	12124686	Connector, 3-way, male	----	----
MP-630S-BLU	12052668/15324996	Blue cable seal, 1-way	12-10	4.50-3.61 mm
MP-630S-GRN	12052386	Green cable seal, 1-way	10	5.15-4.40 mm
MP-630S-PLG	12059255	Light green cavity plug	N/A	----
MPF-630S-12	12052456	Terminal, sealed, female	12-10	----
MPM-630S-10	12064736	Terminal, sealed, male	10	----
MPM-630S-12	12064737	Terminal, sealed, male	12	----
WP-CPA	12020833	Connector position assurance latch	----	----

Images are not to scale.

Metri-Pack 630 Series Sealed - Pull-to-Seat Connections



6304-05 BODY



ES9 BODY (green rear seal)
ES910 BODY (red rear seal)
12066681 (gray rear seal)



ES9 CAP

Use the ES9 CAP with the ES9 BODY, ES910 BODY, or 12066681 to create a sealed Autofuse® holder.



MPF-630P2S-12
MPF-630P2S-15



MPF-630P2S-19

Part #	OEM #	Description	Mates With	Gauge
6304-05 BODY	12065685	Connector, 5-way, with green cable seal, relay socket	Device	----
12066681	12066681	Connector, Metri-Pack 630 Series, 2-way, P2S, with seals	Device	----
ES9 BODY	12033769	Connector, Metri-Pack 630 Series, 2-way, P2S, with seals	Device	----
ES9 CAP	12033731	Inline cover for Metri-Pack 630 Series	----	----
ES910 BODY	12085030	Connector, Metri-Pack 630 Series, 2-way, P2S, with seals	Device	10
MPF-630P2S-12	*12033997	Terminal, Metri-Pack 630 Series, tin brass, P2S, female	----	12-10
MPF-630P2S-15	12066614	Terminal, Metri-Pack 630 Series, tin brass, P2S, female	----	16-14
MPF-630P2S-19	12020156	Terminal, Metri-Pack 630 Series, tin brass, P2S, female	----	20-18

*Available on reels

Images are not to scale.

Metri-Pack 630 Series Sealed Inline Connection Kit


WHITE PRODUCTS
 925 Bossett Road, Unit D, Westlake, OH 44145
 Phone 440-871-0800 Fax 440-871-0799

FMK-630SS-3

SEALED CONNECTOR KIT 3-WAY
 0-16 VDC 46 AMPS MAX
 USE WITH #12 OR #10 WIRE

<u>Kit</u>	<u>Part #</u>	<u>OEM #</u>	<u>Kit Contents</u>	<u>Description</u>	<u>Quantity</u>
FMK-630SS-3	630TPA-3	12045699		Terminal position assurance latch	2
	F630SS-3	12124685		Female connector	1
	M630SS-3	12124686		Male connector	1
	MP-630S-BLU	12052668/15324996		Cable seal, 12-10 gauge	6
	MP-630S-GRN	12052386		Cable seal, 10 gauge	6
	MP-630S-PLG	12059255		Cavity plug	4
	MPF-630S-12	12052456		Terminal, tin-plated, female, 12-10 gauge	3
	MPM-630S-12	12064737		Terminal, tin-plated, male, 12 gauge	3
	MPM-630S-10	12064736		Terminal, tin-plated, male, 10 gauge	3

Images are not to scale.

Weather Pack Connectors



99112



99113



12010501



12015796



12020829



12020830



12041332



WPS-1



WPT-1



WPS-2



WPT-2



WPS-3



WPT-3



WPS-4



WPT-4



WPT-4-ICS



WPS-4SQ



WPT-4SQ



WPS-5



WPT-5



WPS-6

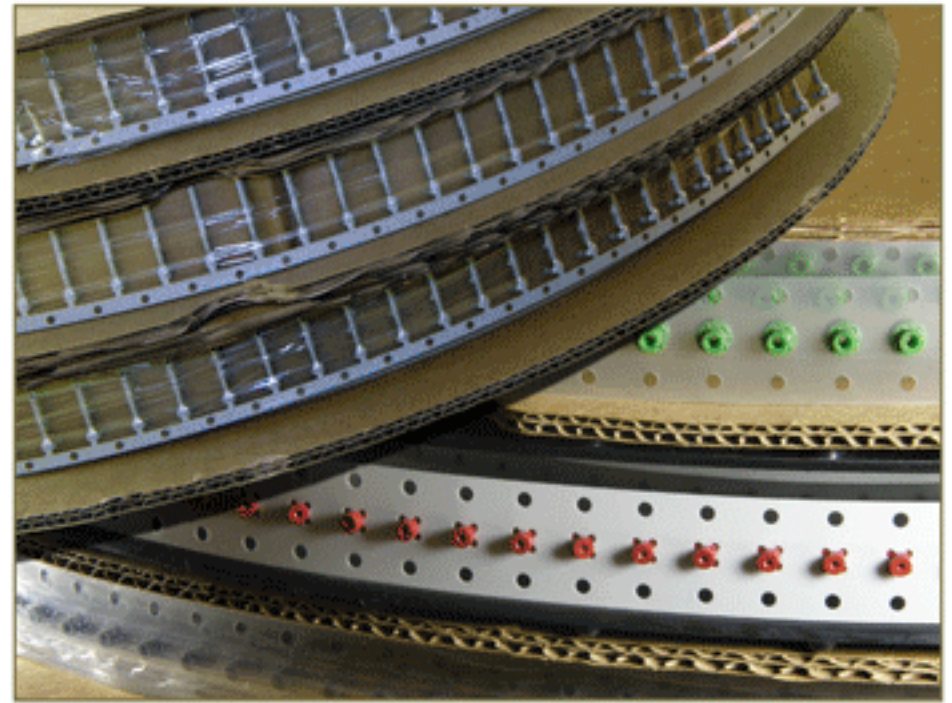
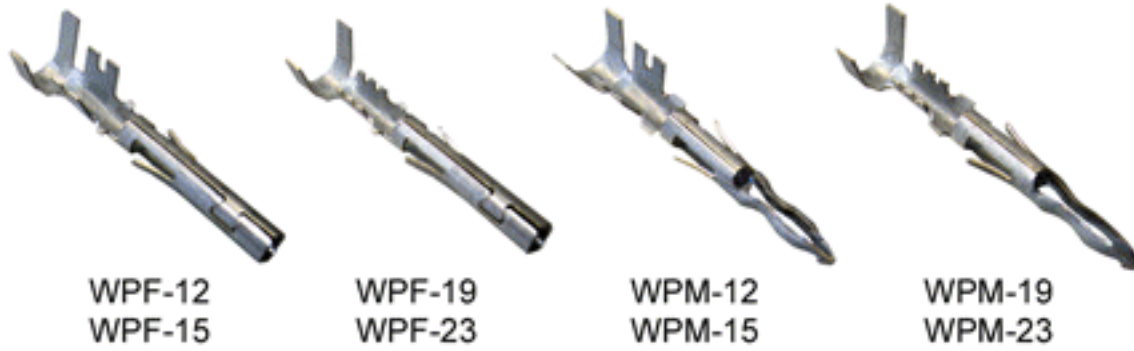


WPT-6

Part #	OEM #	Description	Mates With
99112	12020926	6-way, female	99113
99113	12020786	6-way, male	99112
12010501	12010501	2-way, female	----
12015796	12015796	3-way, female	----
12020829	12020829	3-way, female	12020827
12020830	12020830	4-way, male	12020832
12041332	12041332	3-way, female	----
WPS-1	12010996	1-way, male	WPT-1
WPS-2	12010973	2-way, male	WPT-2
WPS-3	12010717	3-way, male	WPT-3
WPS-4	12010974	4-way, male	WPT-4
WPS-4SQ	12015024	4-way, male	WPT-4SQ
WPS-5	12065158	5-way, male	WPT-5
WPS-6	12010975	6-way, male	WPT-6
WPT-1	12015791	1-way, female	WPS-1
WPT-2	12015792	2-way, female	WPS-2
WPT-3	12015793	3-way, female	WPS-3
WPT-4	12015797	4-way, female	WPS-4
WPT-4-ICS	12015387	4-way, female	----
WPT-4SQ	12015798	4-way, female	WPS-4SQ
WPT-5	12034342	5-way, female	WPS-5
WPT-6	12015799	6-way, female	WPS-6

Images are not to scale.

Terminals



REELED MATERIAL

Part #	OEM #	Description	Gauge
WPF-12	12124581	Tin brass, female	12
WPF-15	*12124580	Tin brass, female	16-14
WPF-19	*12089188	Tin brass, female	20-18
WPF-23	12020801	Tin brass, female	24-22
WPM-12	12124587	Tin brass, male	12
WPM-15	*12124582	Tin brass, male	16-14
WPM-19	*12089040	Tin brass, male	20-18
WPM-23	12089307	Tin brass, male	24-22

*Available on reels

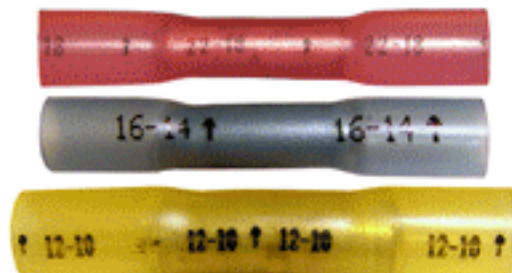
Seals and Plug



Part #	OEM #	Description	Gauge	Insulation Diameter
WPCV-PLG	12010300	Green cavity plug	-----	-----
WPS-BLU	*12015193/15324981	Blue cable seal	12	4.30-3.45 mm
WPS-GRA	*12010293/15324980	Gray cable seal	16-14	3.49-2.81 mm
WPS-GRN	*12015323/15324982	Green cable seal	20-18	2.85-2.03 mm
WPS-PPL	12089679/15324985	Purple cable seal	24-20	2.15-1.60 mm
WPS-RED	*15324983	Red cable seal	22-20	1.70-1.29 mm

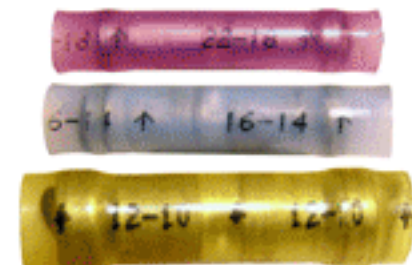
*Available on reels

Adhesive-Lined Heat Shrink Butt Connectors



Part #	Description	Gauge
61-SH	Red	22-18
62-SH	Blue	16-14
63-SH	Yellow	12-10

Cold Crimp Moisture-Resistant Butt Connectors



Part #	Description	Gauge
61-NBM	Red	22-18
62-NBM	Blue	16-14
63-NBM	Yellow	12-10

Images are not to scale.

Weather Pack Assortment Kit



Weather Pack Maintenance Shop Kit (part #WP KIT)

- Over 1,000 pieces of the most popular parts
- Includes ratchet type professional crimping tool and release tool

Kit Contents

<u>Part #</u>	<u>OEM #</u>	<u>Description</u>	<u>Quantity</u>
T-12	12014254	Crimping tool	1
T-3	12014012	Release tool	1
WPCV-PLG	12010300	Cavity plug	100
WPF-15	12124580	Terminal, tin brass, female, 16-14 gauge, tin-plated	100
WPF-19	12089188	Terminal, tin brass, female, 20-18 gauge, tin-plated	100
WPM-15	12124582	Terminal, tin brass, male, 16-14 gauge, tin-plated	100
WPM-19	12089040	Terminal, tin brass, male, 20-18 gauge, tin-plated	100
WPS-1	12010996	Connector, 1-way, male	20
WPS-2	12010973	Connector, 2-way, male	20
WPS-3	12010717	Connector, 3-way, male	5
WPS-4	12010974	Connector, 4-way, male	5
WPS-GRA	12010293/15324980	Gray cable seal, 16-14 gauge	200
WPS-GRN	12015323/15324982	Green cable seal, 20-18 gauge	200
WPT-1	12015791	Connector, 1-way, female	20
WPT-2	12015792	Connector, 2-way, female	20
WPT-3	12015793	Connector, 3-way, female	5
WPT-4	12015797	Connector, 4-way, female	5
21 Slot Box	----	21 slot metal scoop box	1

Images are not to scale.

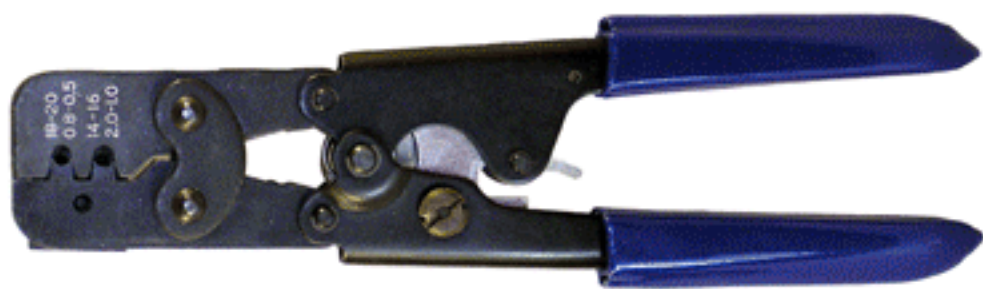
Weather Pack Inline Connection Kits



Kit	Kit Contents				
	Part #	OEM #	Description	Quantity	
WPK-6	WPT-6	12015799	Connector, 6-way, female	1	
	WPS-6	12010975	Connector, 6-way, male	1	
	WPS-GRA	12010293/15324980	Gray cable seal	12	
	WPS-GRN	12015323/15324982	Green cable seal	12	
	WPF-19	12089188	Terminal, tin brass, tin-plated, female	6	
	WPM-19	12089040	Terminal, tin brass, tin-plated, male	6	
WPMK-2 Connector Kit	WPS-2	12010973	Connector, 2-way, male	1	
	WPS-GRA	12010293/15324980	Gray cable seal	4	
	WPF-15	12124580	Terminal, tin brass, tin-plated, female	2	

Images are not to scale.

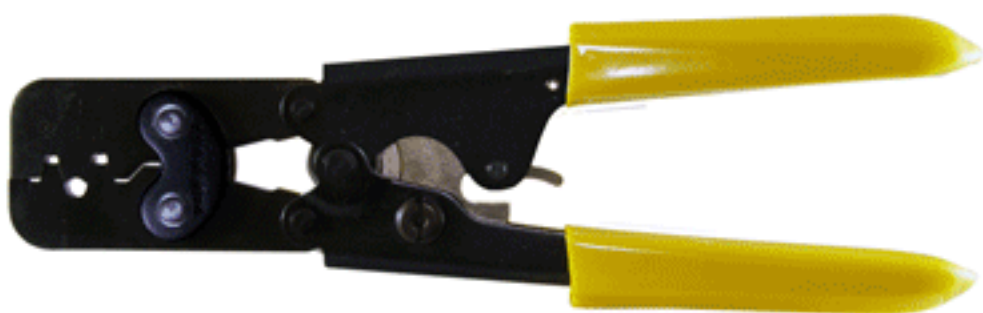
Crimping Tools



T-12



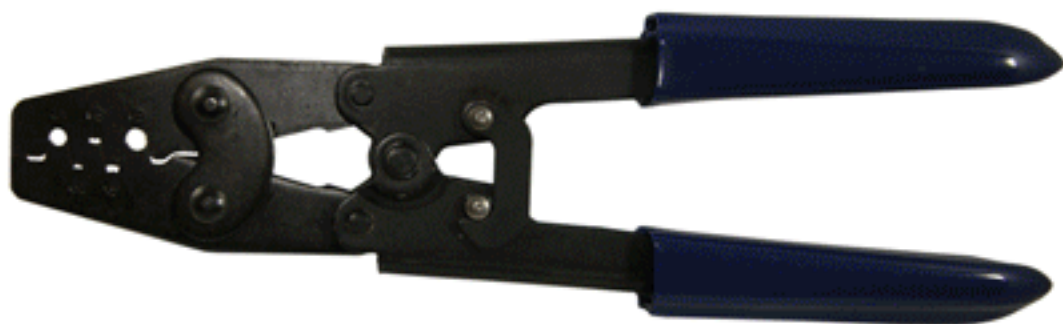
T-13



T-17



T-18



T-18E

Removal Tool

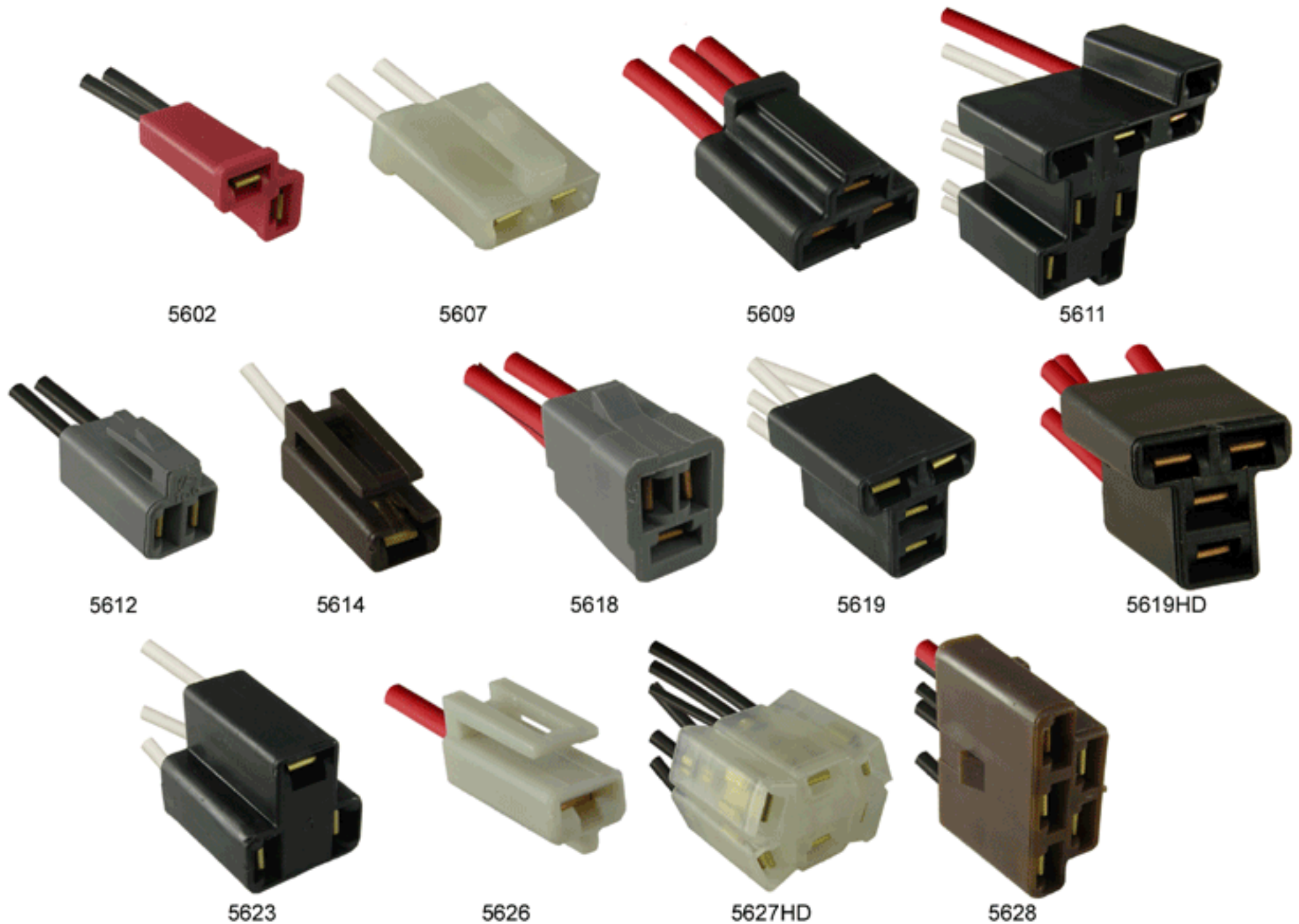


T-3

Part #	OEM #	SPX Kent Moore #	Crimps
T-3	12014012	J-38125-10A	----
T-12	12014254	J-38852	20-14 Gauge
T-13	12085270	J-38125-6	20-14 Gauge
T-17	----	----	12-10 Gauge
T-18	----	----	24-14 Gauge
T-18E	----	----	----

Images are not to scale.

56 Series



<u>Part #</u>	<u>OEM #</u>	<u>ACDelco #</u>	<u>Description</u>
5602	12126032	PT663	2-way, 14 Ga. GPT, black, 6", flasher
5607	12101909	PT181	2-way, 16 Ga. GXL, white, 10", alternator
5609	-----	PT549	3-way, 12 Ga. GXL, red, 10", heavy-duty blower motor
5611	-----	-----	6-way, 16 Ga. GXL, white and 12 Ga. GXL, red, 10", headlamp switch
5612	12117384	PT516	2-way, 14 Ga. GPT, black, 6", alternator
5614	-----	-----	1-way, 16 Ga. GXL, white, 10", HEI
5618	-----	PT678	3-way, 12 Ga. GXL, red, 10",
5619	-----	-----	4-way, 16 Ga. GXL, white, 10", Chrysler blower sensor
5619HD	-----	-----	4-way, 12 Ga. GXL, red, 10", Chrysler blower
5623	12126058	PT689	3-way, 16 Ga. GXL, white, 10", blower resistor
5626	-----	-----	1-way, 12 Ga. GXL, red, 10", HEI power supply
5627HD	-----	-----	6-way, 14 Ga. GPT, black, 6", IH toggle switch
5628	-----	-----	5-way, 14 Ga. GPT black 6", 12 Ga. GXL red 10", Ford/IH truck heater

Images are not to scale.

58 Series



5802



5803



5805



5807

<u>Part #</u>	<u>OEM #</u>	<u>ACDelco #</u>	<u>Description</u>
5802	----	----	4-way, 14 Ga. GXL, black, 10", relay
5803	----	----	3-way, 14 Ga. GXL, black, 10", flasher
5805	12102696	----	5-way, 14 Ga. GXL, black, 10", relay switch
5807	----	----	6-way, 14 Ga. GXL, black, 10"

59 Series



5901

5901HD

<u>Part #</u>	<u>OEM #</u>	<u>ACDelco #</u>	<u>Description</u>
5901	----	----	3-way, 16 Ga. GXL, black, 12", sealed relay beam
5901HD	----	----	3-way, 14 Ga. GXL, white, 12"

Alternator Connectors



7104



7106

<u>Part #</u>	<u>OEM #</u>	<u>ACDelco #</u>	<u>Description</u>
7104	12101895	PT161	3-way, 18 Ga. GXL and 12 Ga. GXL, black, 10", alternator pigtail
7106	12117361	PT494	3-way, 18 Ga. GXL and 12 Ga. GXL, black, 10", alternator pigtail with boot

Images are not to scale.

Fuel Injector



7100



7101

Part #	OEM #	ACDelco #	Description
7100	12102568	PT285	2-way, 18 Ga. ECTFE, blue, 10", GM fuel injector pigtail
7101	12085491	PT113	2-way, 18 Ga. GXL, black, 10", GM fuel injector/main solenoid pigtail

Lamp Socket



2800



2801



2802



2803



2810



8869



8870



8871



8872



8874

Part #	OEM #	ACDelco #	Description
2800	----	LS256	3-way, 18 Ga. GXL, black, 10" halogen 2-beam bulb
2801	12101898	PT168	2-way, 18 Ga. GXL, black, 10" halogen high-beam bulb
2802	12101897	PT167	2-way, 18 Ga. GXL, black, 10", halogen low-beam bulb
2803	12085498	PT120	2-way, 18 Ga. GXL, black, 10", GM halogen 881 bulb cornering & fog lamp pigtail
2810	12102664	PT331	2-way, 18 Ga. GXL, black, 10", GM halogen 880/885 lamp pigtail
8869	12085330	LS17	2-way, 18 Ga. GXL, 10", black, GM stop/turn/backup/cornering lamp socket pigtail for 3156 lamp
8870	12076946	LS14	3-way, 18 Ga. SXL, black, 10", GM stop/tail/turn/park lamp socket pigtail
8871	12083005	LS11	3-way, 18 Ga. SXL, black, 10", GM stop/tail/turn lamp socket pigtail
8872	12083006	LS12	3-way, 18 Ga. SXL, black, 10", GM stop/tail/turn lamp socket pigtail
8874	12003759	LS7	3-way, 16 Ga. GXL, brown/black/white, 10", GM lamp socket pigtail

Images are not to scale.

Leads



WP-204F



WP-204M

<u>Part #</u>	<u>Description</u>
WP-204F	Bullet, .180" diameter, 8", female
WP-204M	Bullet, .180" diameter, 8", male

Trailer Connectors



91026



91027



91028



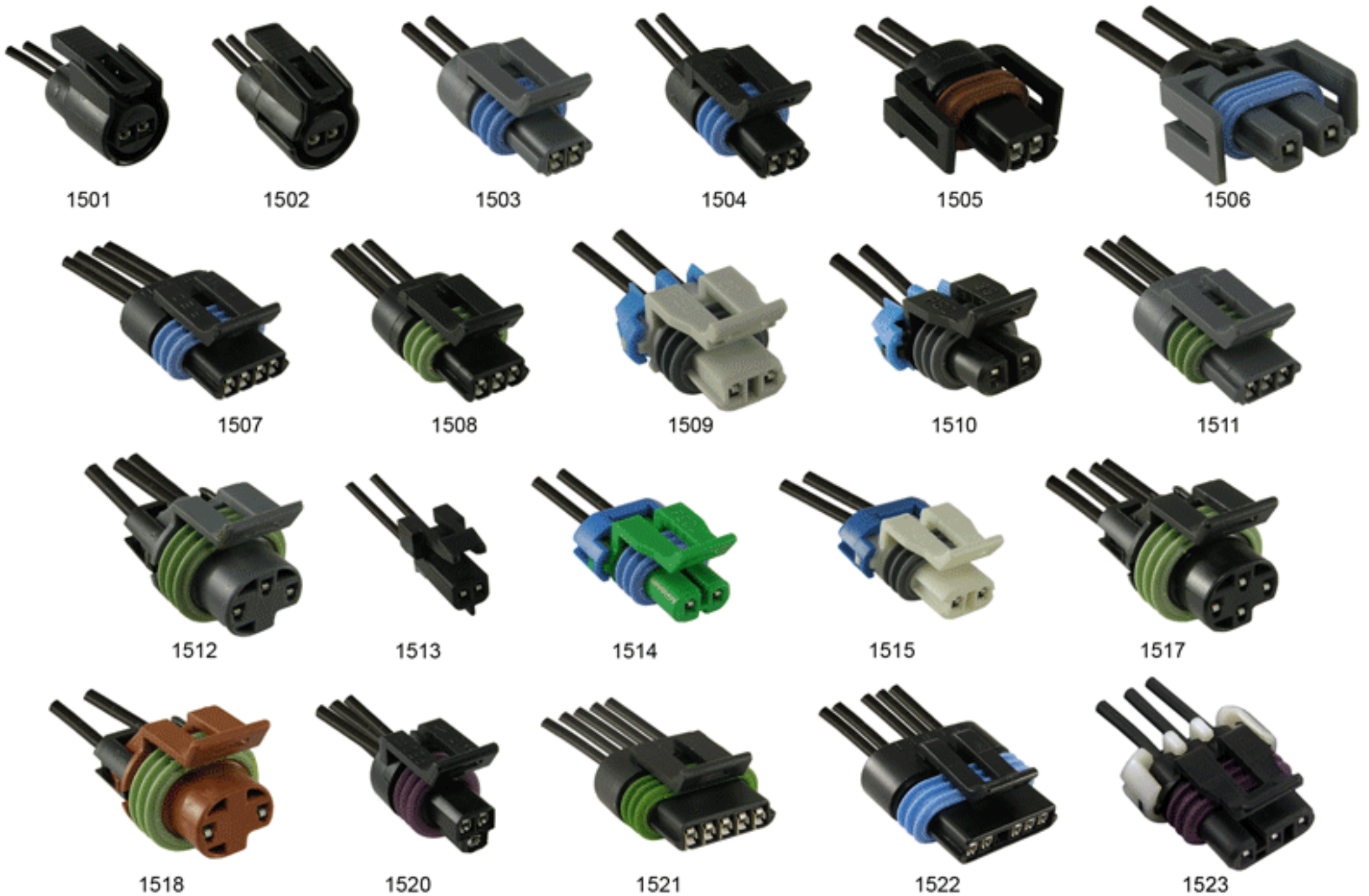
99151



99152

<u>Part #</u>	<u>Description</u>
91026	2-way trailer connector, 8", female
91027	2-way trailer connector, 8", male
91028	2-way trailer connector, mating set with 8" leads
99151	4-way trailer connector, 8", male
99152	4-way trailer connector, 8", female

Metri-Pack 150 Series Sealed



Part #	OEM #	ACDelco #	Description
1501	12085521	PT131	2-way, 18 Ga. GXL, black, 10", A/C high-pressure sensor
1502	12085503	PT124	2-way, 18 Ga. GXL, black, 10", A/C low-pressure sensor
1503	12102620	----	2-way, 18 Ga. GXL, black, 10", manifold air temperature sensor
1504	12101899	PT1798	2-way, 18 Ga. GXL, black, 10", coolant sensor
1505	12085496	PT118	2-way, 18 Ga. GXL, black, 10", throttle body injector
1506	12101937	PT209	2-way, 18 Ga. GXL, black, 10", A/C compressor clutch
1507	12126487	----	4-way, 18 Ga. GXL, black, 10", distributor module
1508	12085483	PT105	3-way, 18 Ga. GXL, black, 10", distributor module
1509	12116958	PT419	2-way, 18 Ga. GXL, black, 10", horn
1510	12102747	PT374	2-way, 18 Ga. GXL, black, 10", WW pump/coolant reservoir sensor
1511	12085538	PT148	3-way, 18 Ga. GXL, black, 10", camshaft sensor
1512	12085499	PT121	3-way, 18 Ga. GXL, black, 10", oil pressure sensor
1513	12101825	PT217	2-way, 18 Ga. GXL, black, 10", clutch switch
1514	12101856	PT248	2-way, 18 Ga. GXL, black, 10", air switch valve
1515	12101857	PT249	2-way, 18 Ga. GXL, black, 10", air divert valve
1517	12085539	----	4-way, 18 Ga. GXL, black, 10", oil pressure switch
1518	12125695	PT606	2-way, 18 Ga. GXL, black, 10", oil pressure switch
1520	12102748	PT1825	3-way, 18 Ga. GXL, black, 10", A/C transducer throttle position sensor
1521	12085497	PT119	5-way, 18 Ga. GXL, black, 10", mass air flow sensor
1522	12101880	----	6-way, 18 Ga. GXL, black, 10", direct ignition
1523	88986451	PT1604	3-way, 18 Ga. GXL, black, 10", mass air flow, cam shaft, and fuel tank sensors

Images are not to scale.

Metri-Pack 280 Series Sealed



2800



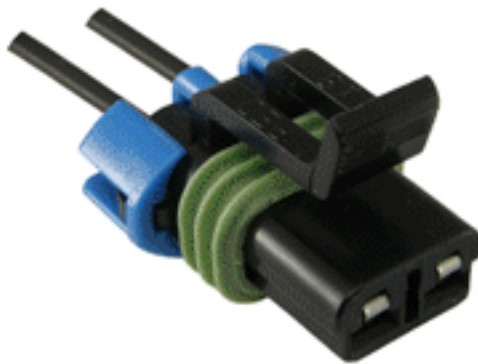
2801



2802



2803



2809



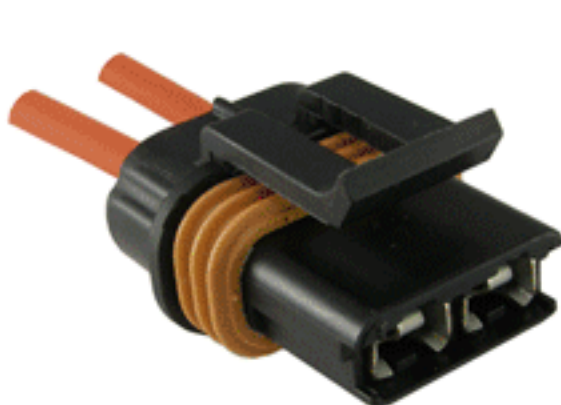
2810



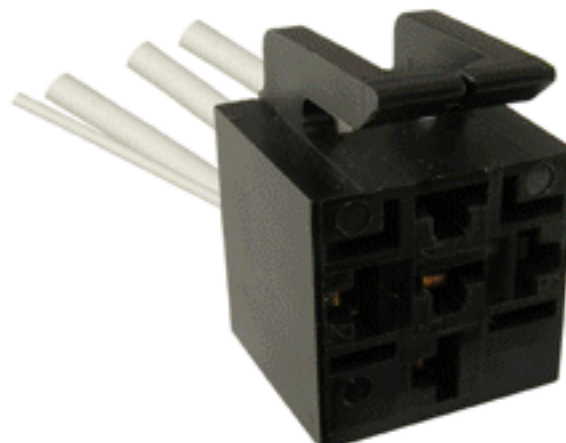
2813

<u>Part #</u>	<u>OEM #</u>	<u>ACDelco #</u>	<u>Description</u>
2800	-----	LS256	3-way, 18 Ga. GXL, black, 10", halogen 2-beam bulb
2801	12101898	PT168	2-way, 18 Ga. GXL, black, 10", halogen high-beam bulb
2802	12101897	PT167	2-way, 18 Ga. GXL, black, 10", halogen low-beam bulb
2803	12085498	PT120	2-way, 18 Ga. GXL, black, 10", halogen cornering and fog lamp bulbs
2809	12101855	PT247	2-way, 18 Ga. GXL, black, 10", direct ignition vehicle speed sensor
2810	12102664	PT331	2-way, 18 Ga. GXL, black, 10", halogen lamp bulb
2813	88988609	PT2072	2-way, 18 Ga. GXL, black, 10", window motor

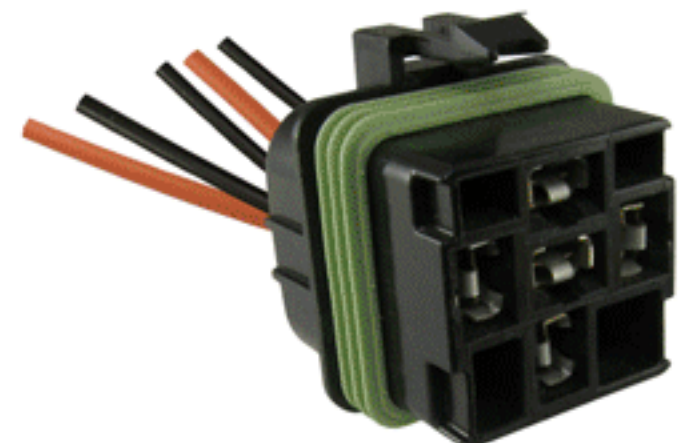
Metri-Pack 630 Series Sealed



6300



6301



6305

<u>Part #</u>	<u>OEM #</u>	<u>ACDelco #</u>	<u>Description</u>
6300	12101917	PT189	2-way, 12 Ga. GXL, orange, 9", blower feed/Autofuse
6301	12101939	PT211	4-way, 10 Ga. GXL, white, 16", cooling fan/fuel pump relay
6305	-----	-----	5-way, 18 Ga. SXL, black, 9", relay

Images are not to scale.

Weather Pack Pigtails



4800
4800-14



4811
4811-14



4812
4812-14
4812-14RB



4810
4810-14
4810-14RB



4813
4813-14



4814
4814-14



4815
4815-14



4816
4816-14



4817
4817-14



4818
4818-14



4809

Part #	OEM #	ACDelco #	Description	Mates With
4800	12117385	PT517	1-way tower, 18 Ga. SXL black, 10", female	4811
4800-14	----	----	1-way tower, 14 Ga. GXL white, 10", female	4811-14
4809	12085533	PT143	3-way square tower, 18 Ga. SXL black, 10", female	----
4810	12085524	PT134	2-way shroud, 18 Ga. SXL black, 10", male	4812
4810-14	----	----	2-way shroud, 14 Ga. GXL white, 10", male	4812-14
4810-14RB	----	----	2-way shroud, 14 Ga. SXL red and black, 9" male	----
4811	12126451	----	1-way shroud, 18 Ga. SXL black, 10", male	4800
4811-14	----	----	1-way shroud, 14 Ga. GXL white, 10", male	4800-14
4812	12126452	----	2-way tower, 18 Ga. SXL black, 10", female	4810
4812-14	----	----	2-way tower, 14 Ga. GXL white 10", female	4810-14
4812-14RB	----	----	2-way tower, 14 Ga. SXL red and black, 12", female	----
4813	12101923	----	3-way tower, 18 Ga. SXL black, 10", female	4814
4813-14	----	----	3-way tower, 14 Ga. GXL white, 10", female	4814-14
4814	12126012	----	3-way shroud, 18 Ga. SXL black, 10", male	4813
4814-14	----	----	3-way shroud, 14 Ga. GXL white, 10", male	4813-14
4815	12117387	PT519	4-way tower, 18 Ga. SXL black, 10", female	4816
4815-14	----	----	4-way tower, 14 Ga. GXL white, 10", female	4816-14
4816	12125693	----	4-way shroud, 18 Ga. SXL black, 10", male	4815
4816-14	----	----	4-way shroud, 14 Ga. GXL white, 10", male	4815-14
4817	12126454	----	6-way tower, 18 Ga. SXL black, 10", female	4818
4817-14	----	----	6-way tower, 14 Ga. GXL white, 10", female	4818-14
4818	----	----	6-way shroud, 18 Ga. SXL black, 10", male	4817
4818-14	----	----	6 way shroud, 14 Ga. GXL white, 10", male	4817-14

Images are not to scale.

Weather Pack Covers



4871



4872



4873



4874



4875



4876



4877



4878



4881



4882

Part Number	OEM Number	Description	Mates With
4871	12047671	1-way shroud with cavity plug	4800 and 4800-14 pigtails, WPT-1 tower (12015791)
4872	----	1-way tower with cavity plug	4811 and 4811-14 pigtails, WPS-1 shroud (12010996)
4873	12047670	2-way shroud with cavity plugs	4812 and 4812-14 pigtails, WPT-2 tower (12015792)
4874	12047672	2-way tower with cavity plugs	4810 and 4810-14 pigtails, WPS-2 shroud (12010973)
4875	----	3-way shroud with cavity plugs	4813 and 4813-14 pigtails, WPT-3 tower (12015793)
4876	----	3-way tower with cavity plugs	4814 and 4814-14 pigtails, WPS-3 shroud (12010717)
4877	12048957	4-way shroud with cavity plugs	4815 and 4815-14 pigtails, WPT-4 tower (12015797)
4878	----	4-way tower with cavity plugs	4816 and 4816-14 pigtails, WPS-4 shroud (12010974)
4881	----	5-way shroud with cavity plugs	WPT-5 tower (12034342)
4882	----	5-way tower with cavity plugs	WPS-5 shroud (12065158)

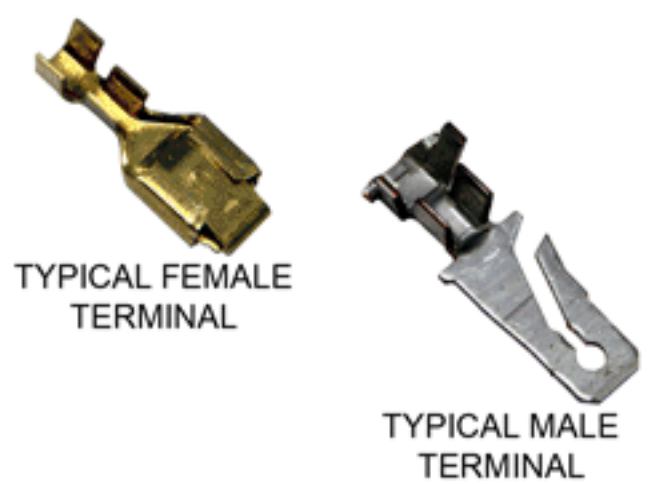
Images are not to scale.

56 Series Connectors



Part #	OEM #	Description	Mates With
6294641	06294641	4-way, female	Device
5602 BODY	06288951	2-way, female	Device
5606 & 08 BODY	02973407	2-way, female	Device
5609 BODY	02962510	2-way, female	Device
5626 BODY	08917644	1-way, female	Device
56FLS-1	02977253	1-way, female	56MLS-1
56FLS-2	02973781	2-way, female	56MLS-2
56FS-1	02962448	1-way, female	56MS-1
56FS-1HEI	08917052	1-way, female	Device
56FS-2	06294493	2-way, female	Device
56MLS-1	02984528	1-way, male	56FLS-1
56MLS-2	02984883	2-way, male	56FLS-2
56MS-1	02962984	1-way, male	56FS-1

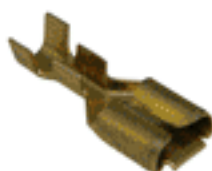
56 Series Terminals



Part #	OEM #	Description	Gauge	Plating
56F-10	06288913	Terminal, tang, brass, female	10	Tin
56F-12T	12124518	Terminal, tang, brass, female	12-10	Tin
56F-15	02962447	Terminal, tang, brass, female	16-14	Unplated
56F-15T	02965142	Terminal, tang, brass, female	16-14	Tin
56M-11	08917283	Terminal, copper alloy, male	12-10	Tin
56M-15T	02971962	Terminal, brass, male	16-14	Tin

Images are not to scale.

58 Series Terminals



250-LF-1214
250-LF-1620

Part #	OEM #	Description	Gauge	Plating
250-LF-1214	02965470	Tang, 1/4", brass, female	14-12	Unplated
250-LF-1620	02965469	Tang, 1/4", brass, female	20-16	Unplated

59 Series Terminal



59F-15

Part #	OEM #	Description	Gauge	Plating
59F-15	02973216	Tang, 5/16", brass, female	16-14	Tin

Pack-Con Terminals



PC2F-15T



PCF-15
PCF-15T
PCF-19



PCFHD-15



PCM-15
PCM-19



PCMHD-11
PCMHD-15

Part #	OEM #	Description	Gauge	Plating
PC2F-15T	12004996	Series II, tin brass, female	16-14	Tin
PCF-15	12020347	Standard, P2S, tin brass, female	16-14	Unplated
PCF-15T	08911640	Standard, tin brass, female	16-14	Tin
PCF-19	12020346	Standard, tin brass, female	20-18	Unplated
PCFHD-15	08905087	Heavy-duty, tin brass, female	16-14	Tin
PCM-15	12020320	Standard, brass, male	16-14	Tin
PCM-19	06294511	Standard, brass, male	20-18	Tin
PCMHD-11	12033817	Heavy-duty, brass, male	12-10	Tin
PCMHD-15	12033816	Heavy-duty, brass, male	16-14	Tin

Metri-Pack 150 Series Unsealed Terminals (not for use with cable seals)



MPF-150-1620
MPF-150-21



MPF-150-24



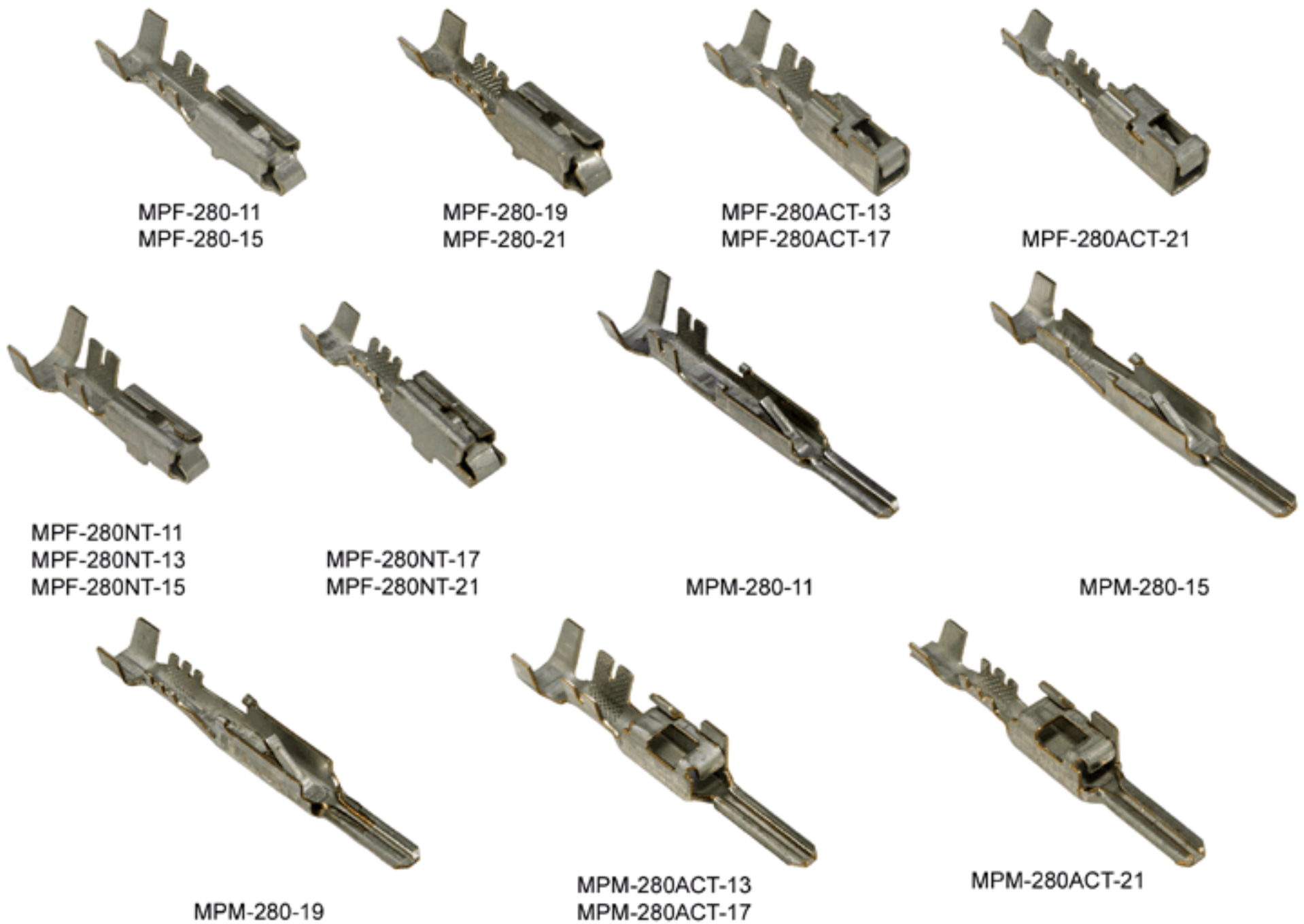
MPF-150NT-17
MPF-150NT-21



MPM-150-19
MPM-150-21

Part #	OEM #	Description	Gauge	Plating
MPF-150-1620	12047767	Push-2-seat, silicon bronze, female	20-16	Tin
MPF-150-21	12064971	Push-2-seat, silicon bronze, female	22-20	Tin
MPF-150-24	12052466	Push-2-seat, silicon bronze, female	24	Tin
MPF-150NT-17	12129484	Tangless, silicon bronze, female	18-16	Tin
MPF-150NT-21	12129373	Tangless, silicon bronze, female	22-20	Tin
MPM-150-19	12047581	Push-2-seat, tin brass, male	20-18	Tin
MPM-150-21	12059894	Push-2-seat, tin brass, male	22-20	Tin

Metri-Pack 280 Series Unsealed Terminals (not for use with cable seals)



<u>Part #</u>	<u>OEM #</u>	<u>Description</u>	<u>Gauge</u>	<u>Plating</u>
MPF-280-11	12015858	Standard, tin brass, female	12-10	Tin
MPF-280-15	12066214	Standard, tin brass, female	16-14	Tin
MPF-280-19	12034046	Standard, tin brass, female	20-18	Tin
MPF-280-21	12052217	Standard, tin brass, female	22-20	Tin
MPF-280ACT-13	12186456	Advanced Connection Technology (ACT), tin brass, female	14-12	Tin
MPF-280ACT-17	12186457	Advanced Connection Technology (ACT), tin brass, female	18-16	Tin
MPF-280ACT-21	12186458	Advanced Connection Technology (ACT), tin brass, female	22-20	Tin
MPF-280NT-11	12129425	Tangless, tin brass, female	12-10	Tin
MPF-280NT-13	12110842	Tangless, tin brass, female	14-12	Tin
MPF-280NT-15	12129424	Tangless, tin brass, female	16-14	Tin
MPF-280NT-17	12110844	Tangless, tin brass, female	18-16	Tin
MPF-280NT-21	12110843	Tangless, tin brass, female	22-20	Tin
MPM-280-11	12084586	Standard, tin brass, male	12-10	Tin
MPM-280-15	12020116	Standard, tin brass, male	16-14	Tin
MPM-280-19	12034047	Standard, tin brass, male	20-18	Tin
MPM-280ACT-13	12092344	Advanced Connection Technology (ACT), brass, male	14-12	Tin
MPM-280ACT-17	12092345	Advanced Connection Technology (ACT), brass, male	18-16	Tin
MPM-280ACT-21	12092346	Advanced Connection Technology (ACT), brass, male	22-20	Tin

Images are not to scale.

Metri-Pack 480 Series Unsealed Terminals (not for use with cable seals)



MPF-480-11
MPF-480-15

MPF-480-19

MPM-480-11

MPM-480-15

<u>Part #</u>	<u>OEM #</u>	<u>Description</u>	<u>Gauge</u>	<u>Plating</u>
MPF-480-11	12084595	Tin brass, female	12-10	Tin
MPF-480-15	12124304	Tin brass, female	16-14	Tin
MPF-480-19	12015860	Tin brass, female	20-18	Tin
MPM-480-11	12033820	Yellow brass, male	12-10	Tin
MPM-480-15	12020120	Yellow brass, male	16-14	Tin

Metri-Pack 630 Series Unsealed Terminals (not for use with cable seals)



12015865

12034001

MPF-630-11
MPF-630-12

MPF-630-15

MPF-630-19



MPM-630-11



MPM-630-15

<u>Part #</u>	<u>OEM #</u>	<u>Description</u>	<u>Gauge</u>	<u>Plating</u>
12015865	12015865	Relay, tin brass, female	16-14	Tin
12034001	12034001	Relay, tin brass, female	12-10	Unplated
MPF-630-11	12084590	Tin brass, female	12-10	Tin
MPF-630-12	12052224	Tin brass, female	12	Tin
MPF-630-15	12015870	Tin brass, female	16-14	Tin
MPF-630-19	12015869	Tin brass, female	20-18	Tin
MPM-630-11	12066493	Yellow brass, male	12-10	Tin
MPM-630-15	12020126	Yellow brass, male	16-14	Tin

Images are not to scale.

Ring Terminals



DSWR-14T-13



RT-10T-13



RT-14T-13



RT-38B-11
RT-38B-15



RT-56T-15



RTLW-10T-15



RTLW-14T-15



RTLW-38T-11



RTLW-56B-15

<u>Part #</u>	<u>OEM #</u>	<u>Description</u>	<u>Gauge</u>	<u>Plating</u>
DSWR-14T-13	12089263	Double star washer, stud 1/4", brass	14-12	Tin
RT-10T-13	12103519	Stud #10, copper alloy	14-12	Tin
RT-14T-13	12162099	Stud #14, copper alloy	14-12	Tin
RT-38B-11	02962953	Stud 3/8", brass	12-10	Unplated
RT-38B-15	02977493	Stud 3/8", brass	16-14	Unplated
RT-56T-15	12015907	Stud 5/16", copper	16-14	Tin
RTLW-10T-15	02984375	Locking ring, stud #10, brass	16-14	Tin
RTLW-14T-15	02984172	Locking ring, stud #1/4", brass	16-14	Tin
RTLW-38T-11	12004475	Locking ring, stud 3/8", brass	12-10	Tin
RTLW-56B-15	08917226	Locking ring, stud 5/16", brass	16-14	Unplated

Images are not to scale.

Battery Terminal Adapters



- Converts lead top post terminal to 3/8" - 16 stud to accept ring terminals
- Solid brass casting machined for perfect fit
- Lead-plated to resist corrosion

Fuse Tap Adapters



ATO® and ATC® Fuse Tap Adapter
Use with 1/4" fully-insulated quick-disconnect female terminal



MINI® Fuse Tap Adapter
Use with 3/16" fully-insulated quick-disconnect female terminal

Mate-N-Lok Terminals



Part #	OEM #	Description	Gauge
1373	350550-1	Brass, female	20-14
1374	350547-1	Brass, male	20-14
60619-1	60619-1	Brass, female	20-14
60620-1	60620-1	Brass, male	20-14

Terminals - Shrouded Pins and Sockets

Nylon insulation with 2-piece brass interior



Part #	Description	Gauge
079F-NBL	Clear, pin diameter .079", female	16-14
079M-NBL	Clear, pin diameter .079", male	16-14
156F-NBL	Blue, pin diameter .156", female	16-14
156M-NBL	Blue, pin diameter .156", male	16-14

GT Series "Global Terminals" (Sealed and Unsealed)


GTF-280-17



GTF-280S-11



GTF-280S-15S



GTF-280S-17S



GTF-280S-21S



GTM-280-13



GTM-280-21



GTM-280S-13L



GTM-280S-15S



GTM-280S-17S

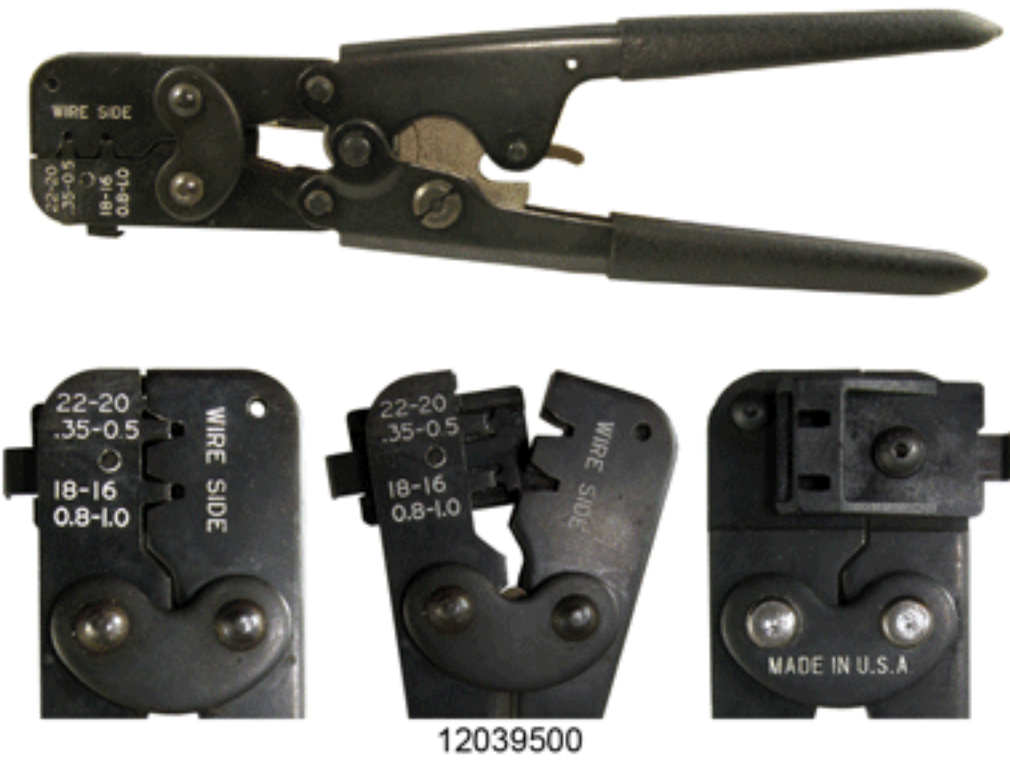


GTM-280S-21S

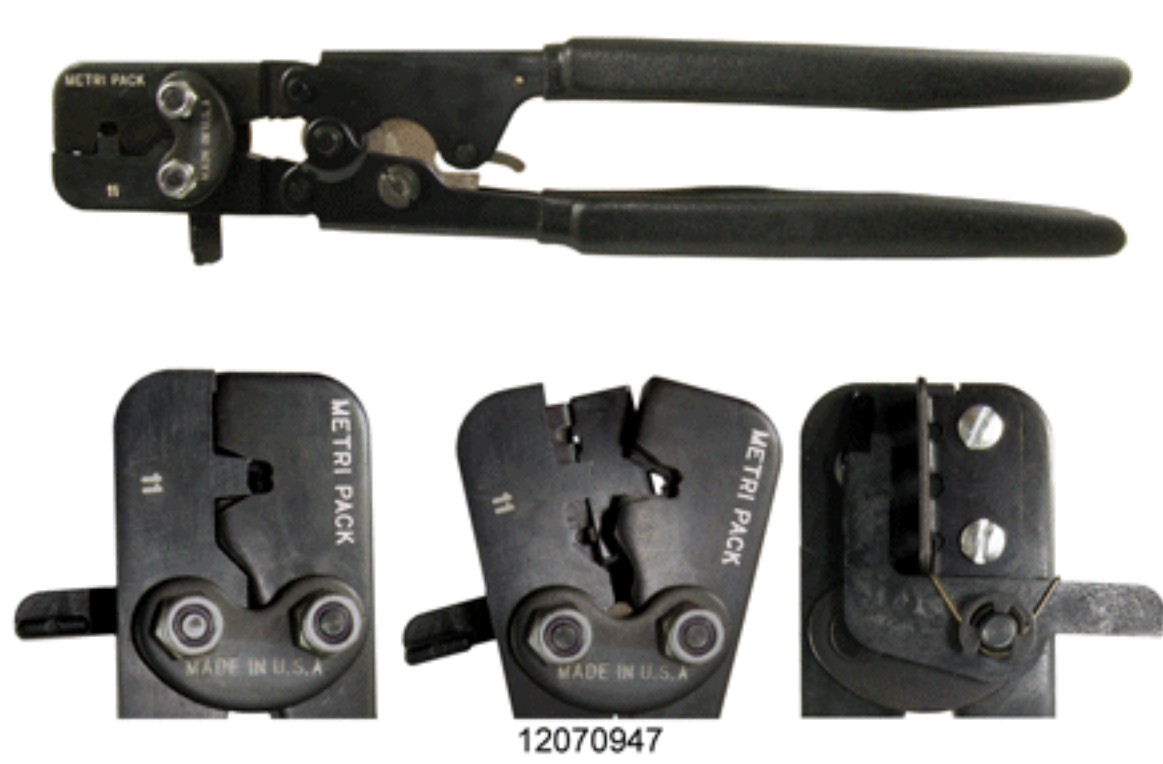
<u>Part #</u>	<u>OEM #</u>	<u>Description</u>	<u>Gauge</u>	<u>Plating</u>
GTF-280-17	15304711	Unsealed, tin brass, female	18-16	Tin
GTF-280S-11	15326004	Sealed, beryllium/copper, female	12-10	Tin
GTF-280S-15S	15304717	Sealed, tin brass, female	16-14	Tin
GTF-280S-17S	15304716	Sealed, tin brass, female	18-16	Tin
GTF-280S-21S	15304715	Sealed, tin brass, female	22-20	Tin
GTM-280-13	15304724	Unsealed, tin brass, male	14-12	Tin
GTM-280-21	15304722	Unsealed, tin brass, male	22-20	Tin
GTM-280S-13L	15304732	Sealed, tin brass, male	14-12	Tin
GTM-280S-15S	15304729	Sealed, tin brass, male	16-14	Tin
GTM-280S-17S	15304728	Sealed, tin brass, male	26-18	Tin
GTM-280S-21S	15304727	Sealed, tin brass, male	22-20	Tin

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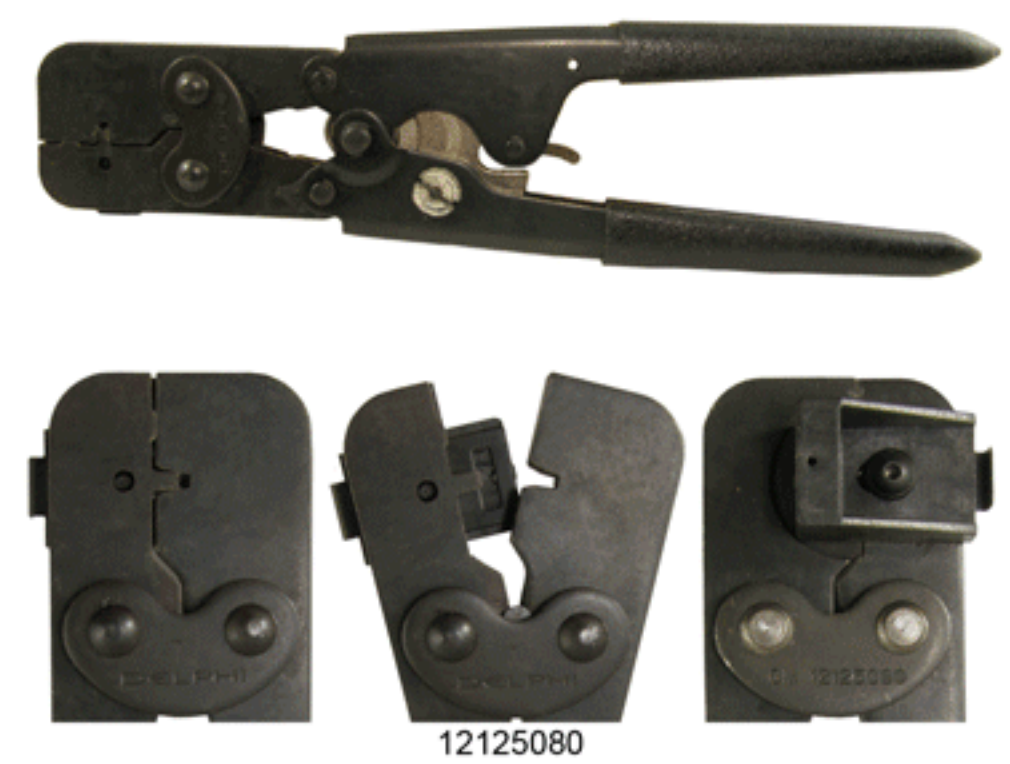
Crimping Tools



12039500



12070947



12125080



12155975



T-10

Part #	OEM #	SPX Kent Moore #	Crimps
12039500	12039500	J-35123	22-16 Gauge
12070947	12070947	J-39848	12-10 Gauge
12125080	12125080	J-38125-101	22-18 Gauge
12155975	12155975	----	18-14 Gauge
T-10	----	----	30-16 Gauge

NOTE: Variations in terminal metal thickness, wire stranding, and insulation diameter may affect the ranges of the crimping tools described above.

Images are not to scale.

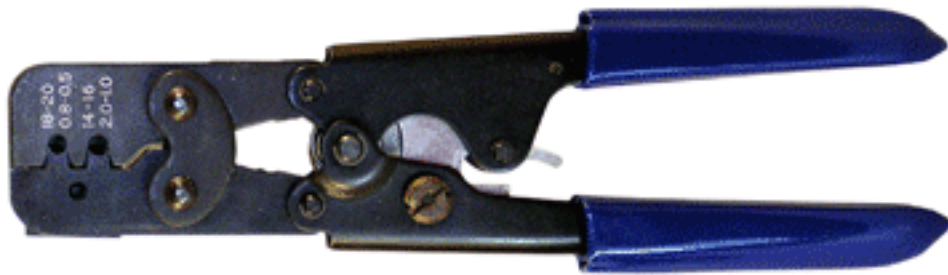
Crimping Tools



T-11



T-11E



T-12



T-13



T-14

Part #	OEM #	SPX Kent Moore #	Crimps
T-11	12085271	----	*
T-11E	12085271	----	*
T-12	12014254	J-38852	20-14 Gauge
T-13	12085270	J-38125-6	20-14 Gauge
T-14	06285847	----	20-10 Gauge

*Maximum crimp range is 22-12 conductor and 24-14 insulation.

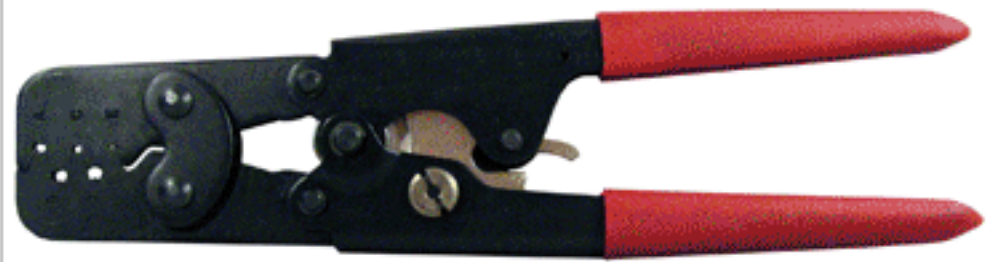
NOTE: Variations in terminal metal thickness, wire stranding, and insulation diameter may affect the ranges of the crimping tools described above.

Images are not to scale.

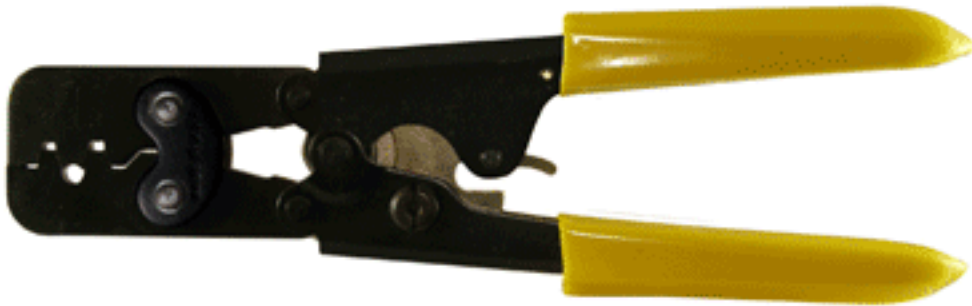
Crimping Tools



T-15



T-16



T-17



T-18



T-18E

Part #	OEM #	Crimps
T-15	12040070	20-14 Gauge
T-16	12085271	*
T-17	----	12-10 Gauge
T-18	----	24-14 Gauge
T-18E	----	24-14 Gauge

*Maximum crimp range is 22-12 conductor and 24-14 insulation.

NOTE: Variations in terminal metal thickness, wire stranding, and insulation diameter may affect the ranges of the crimping tools described above.

Images are not to scale.

Crimping Tools



T-19

Removal Tools



T-3



T-5



T-6

<u>Part #</u>	<u>OEM #</u>	<u>SPX Kent Moore #</u>	<u>Crimps</u>
T-19	12071687	-----	12-10 Gauge
T-3	12014012	J-38125-10A	-----
T-5	08913369	-----	-----
T-6	12094429	J-38125-12A	-----

NOTE: Variations in terminal metal thickness, wire stranding, and insulation diameter may affect the ranges of the crimping tools described above.

Crimping Tool Repair Kits by Rostra



3100-20



3100-50



3100-75



3100-100



3100-200

<u>Kit</u>	<u>Part #</u>	<u>Kit Contents</u>	
		<u>Description</u>	<u>Quantity</u>
Eccentric Repair Kit	3100-20	Eccentric nut	1
		Eccentric stud	1
Ratchet Repair Kit	3100-50	Handle return spring	1
		Pawl	1
		Pawl pivot pin	1
		Pawl spring	1
		Ratchet	1
		Retaining ring	2
Pin Repair Kit	3100-75	Handle pin	2
		Pivot pin	1
		Retaining ring (large)	2
		Retaining ring (small)	4
Replacement Handle Kit (short)	3100-100	Assembly	1
Replacement Handle Kit (long)	3100-200	Assembly	1

Images are not to scale.

Primary Wire Insulation Diameters

Gauge	TXL	GXL	SXL	TWP	GPT
22 (0.35 mm)	.062" (1.57 mm)	-----	-----	.062" (1.57 mm)	-----
20 (0.50 mm)	.070" (1.78 mm)	.083" (2.11 mm)	.096" (2.43 mm)	.070" (1.78 mm)	.083" (2.11 mm)
18 (0.80 mm)	.078" (1.98 mm)	.092" (2.34 mm)	.106" (2.70 mm)	.078" (1.98 mm)	.091" (2.32 mm)
16 (1.00 mm)	.089" (2.26 mm)	.101" (2.56 mm)	.119" (3.02 mm)	.089" (2.26 mm)	.101" (2.56 mm)
14 (2.00 mm)	.103" (2.62 mm)	.117" (2.97 mm)	.141" (3.59 mm)	.103" (2.62 mm)	.117" (2.97 mm)
12 (3.00 mm)	.126" (3.20 mm)	.140" (3.57 mm)	.162" (4.13 mm)	.126" (3.20 mm)	.140" (3.57 mm)
10 (5.00 mm)	.153" (3.89 mm)	.173" (4.40 mm)	.193" (4.90 mm)	.153" (3.89 mm)	.173" (4.40 mm)

Weather Pack and Sealed Metri-Pack Cable Seals Chart

Series	Current Part #	Old OEM Part #	White Products Part #	Cable Diameter Range	GPT	GXL	SXL	TXL	Color
Metri-Pack Sealed150	15324973	12048086	MP-150S-RED	2.85 - 2.03 mm	20, 18, 16	20, 18, 16	20, 18	18, 16, 14	Dark Red
Metri-Pack Sealed150	15324974	12048087	MP-150S-BLU	1.70 - 1.29 mm	22	N/A	N/A	22	Blue
Metri-Pack Sealed150	15324976	12089678	MP-150S-WHT	2.15 - 1.60 mm	20	20	N/A	20, 18	White
Metri-Pack Sealed 280 and Weather Pack	15324980	12010293	WPS-GRA	3.49 - 2.81 mm	14	14	16	12	Light Gray
Metri-Pack Sealed 280 and Weather Pack	15324981	12015193	WPS-BLU	4.30 - 3.45 mm	12	12	14, 12	10	Blue
Metri-Pack Sealed 280 and Weather Pack	15324982	12015323	WPS-GRN	2.85 - 2.03 mm	18, 16	20, 18, 16	20, 18	18, 16, 14	Green
Metri-Pack Sealed 280 and Weather Pack	15324983	12015899	WPS-RED	1.70 - 1.29 mm	22	N/A	N/A	20	Dark Red
Metri-Pack Sealed 280 and Weather Pack	15324984	12041351	WPS-TAN	2.42 - 2.03 mm	20, 18	20, 18	20	18, 16	Tan
Metri-Pack Sealed 280 and Weather Pack	15324985	12089679	WPS-PPL	2.15 - 1.60 mm	20	20	N/A	20, 18	Purple
Metri-Pack Sealed 480	15324988	12048441	MP-480S-WHT	2.85 - 2.01 mm	20, 18, 16	20, 18, 16	20, 18	18, 16, 14	White
Metri-Pack Sealed 480	15324989	12048442	MP-480S-RED	3.76 - 2.81 mm	12	14, 12	16, 14	12	Bright Red
Metri-Pack Sealed 480	15324990	12048443	MP-480S-PPL	4.50 - 3.61 mm	10	10	12	10	Purple
Metri-Pack Sealed 480	15324987	15324987	MP-480S-ORN	5.16 - 4.40 mm	10	10	10	10	Orange
Metri-Pack Sealed 630	15324993	12052386	MP-630S-GRN	5.15 - 4.40 mm	10	10	10	N/A	Green
Metri-Pack Sealed 630	15324996	12052668	MP-630S-BLU	4.50 - 3.61 mm	10	10	12	10	Blue

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