Amphenol PCD

Engineering Change Request		ECR Number	R6045W
Initiator:	Egan	Date:	2022.05.24

Part number description

Item	**K3 Code**	Drawing/Doc Number	**Version of current related document**	**New Version**
1	See pages 4-7			

Reason of change:

☐Customer requirement ☐Supplier request ■internal improvement ☐corrective ☐other

Please describe here in detail:

1. Optimize the HVSL1200/1400 R/A plug, adding ribs on the housing to protect the lever, in case of accidental drop during installation.

2. Optimize the HVSL1200/1400 straight plug, adding ribs on the housing to protect the lever, in case of accidental drop during installation.

3. Optimize the HVSL1200/1400 socket, adding ribs on the holes on the ear of receptacle to get it be more robust in the case of violent operation and misoperation.

Change level and impact assessment (Please tick in the appropriate position)

Change level	Change content	Whether to notify the customer
Level 1	☐Operator change	☐It is not necessary to notify the customer for approval
	☐Correct the clerical errors of the drawing, BOM, etc., and this change will not affect the production process	
Level 2	☐Change of Main production equipment or tools/Jigs	■Customers should be notified for approval ☐It is not necessary to notify the customer for approval, the reasons are as follows:
	☐Change of main measuring equipment or tools/Jigs	
	☐Appearance changes that do not affect product functions	
	☐Changes in production process or processing technology	
	☐Product structure or specification changes that have not been transferred to mass production	
	■Product structure or specification changes that have been transferred to mass production	
	☐Supplier's production process change or supplier's production site change or addition or replacement of suppliers	
Level 3	☐Change of production site	☐Customers should be notified for approval
	☐Product material changes	
	☐Change of packaging method	
	☐Changes proposed by the customer	

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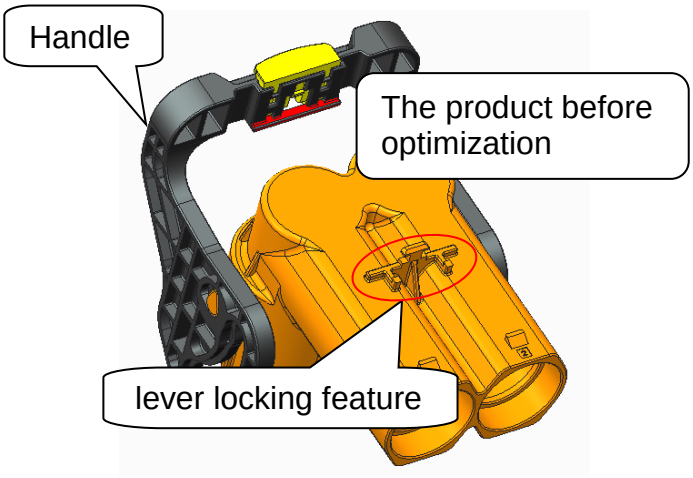
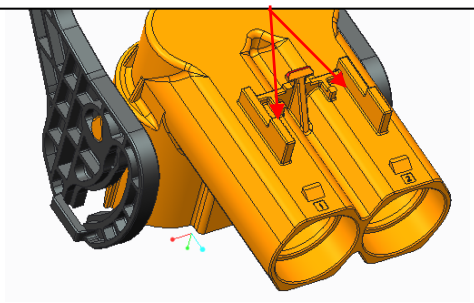
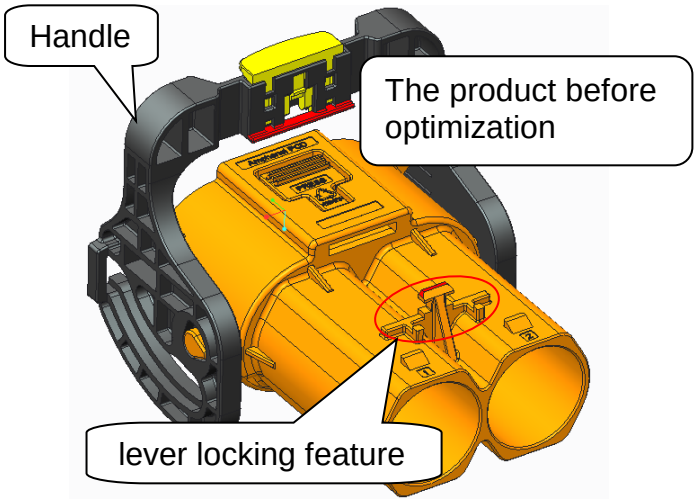
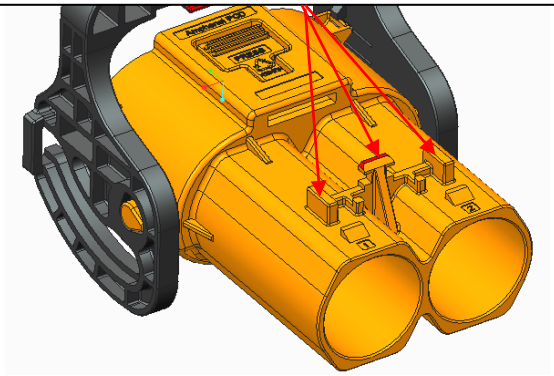
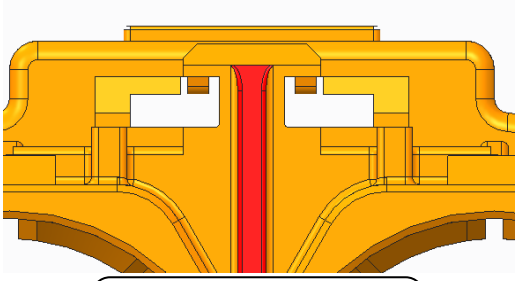
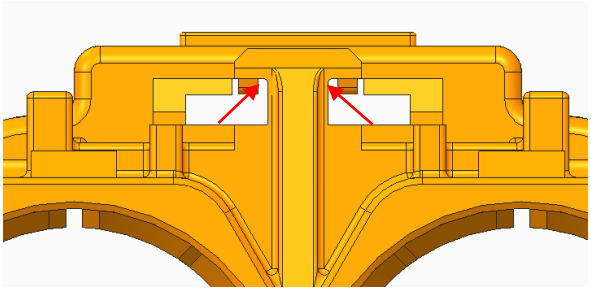
Before change	After change
1.HVSL1200/1400 R/A Plug 	1.HVSL1200/1400 R/A Plug After optimization: adding ribs on the housing to protect the lever in case of accidental drop during installation. 
2. HVSL1200/1400 straight plug 	2. HVSL1200/1400 straight plug After optimization: adding ribs on the housing to protect the lever, the lever buckle change from the original 2.5mm to 3.0mm, the middle rib change from the original 2.0 to 3.0mm to make the structure be more robust in case of accidental drop during installation. 
 The product before optimization	 Small radius corners added at the joint with CPA to avoid stress concentration and make the structure be more robust.

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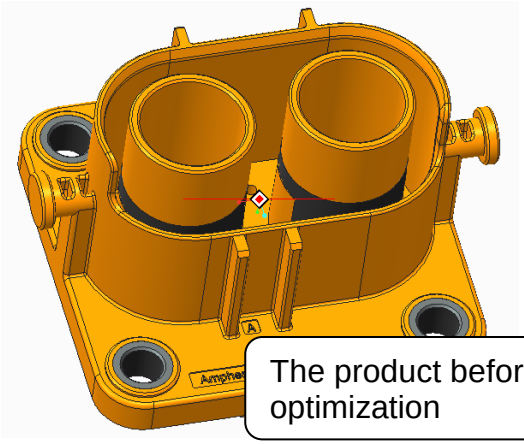
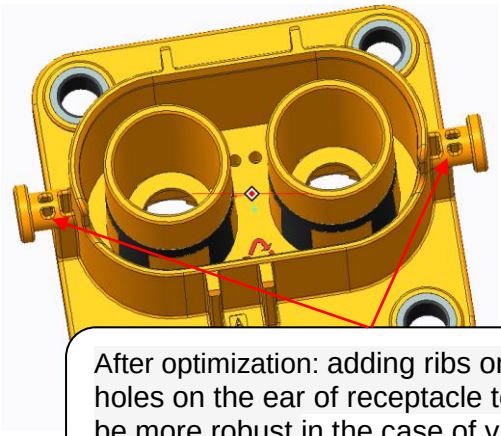
2. HVSL1200/1400 socket	2. HVSL1200/1400 socket
 The product before optimization	 After optimization: adding ribs on the holes on the ear of receptacle to get it be more robust in the case of violent operation and misoperation

Disposition of old materials	Expect date to switch to new material
☐Rework ■Use as it is ☐scrap ☐Other (please describe)：_____. ☐N/A	

Approval by the supervisor of requester.:	Approval by the head manager of the request dept.:
Roll.chen Derek	

Customer approval：

☐Approved ☐No approved ☐Conditional approval（please describe）：

Signature： Date：

Remark:

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Item	K3 Code	Drawing No.	Relate ECR No and Old Rev.		New Rev.
R/A plug					
1	P.03.B.HVSL1200082A095	C-HVSL1200082X0XX	N/A	2	3
2	P.03.B.HVSL1200082A170	C-HVSL1200082X1XX	N/A	6	7
3	P.03.B.HVSL1200082A195				
4	P.03.B.HVSL1200082B170				
5	P.03.B.HVSL1200082B195				
6	P.03.B.HVSL1200082C170				
7	P.03.B.HVSL1200082C195				
8	P.03.B.HVSL1200082A170S6	C-HVSL1200082XXXXS6	N/A	2	3
9	P.03.B.HVSL1200082A195S6				
10	P.03.B.HVSL1200082A095S4	C-HVSL1200082XY95S4	N/A	2	3
11	P.03.B.HVSL1200082A195S4				
12	P.03.B.HVSL1200082B095S4				
13	P.03.B.HVSL1200082B195S4				
14	P.03.B.HVSL1200082C095S4				
15	P.03.B.HVSL1200082C195S4				
16	P.03.B.HVSL1200082A195S7	C-HVSL1200082XY95S7	N/A	1	2
17	P.03.B.HVSL1200082B195S7				
18	P.03.B.HVSL1200082C195S7				
19	P.03.B.HVSL1200082A195S9	C-HVSL1200082XY95S9	N/A	1	2
20	P.03.B.HVSL1200082B195S9				
21	P.03.B.HVSL1200082C195S9				
22	P.03.B.HVSL1200082A170S3	C-HVSL1200082XYXXS3	N/A	2	3
23	P.03.B.HVSL1200082A195S3				
24	P.03.B.HVSL1200082B170S3				
25	P.03.B.HVSL1200082B195S3				
26	P.03.B.HVSL1200082C170S3				
27	P.03.B.HVSL1200082C195S3				
28	P.03.B.HVSL1400082A1120	C-HVSL1400082XXXX	N/A	2	3
29	P.03.B.HVSL1400082A170				
30	P.03.B.HVSL1400082A195				
31	P.03.B.HVSL1400082B1120				
32	P.03.B.HVSL1400082B170				
33	P.03.B.HVSL1400082B195				
34	P.03.B.HVSL1400082C1120				
35	P.03.B.HVSL1400082C170				
36	P.03.B.HVSL1400082C195				
37	P.03.B.HVSLP1200082A170	C-HVSLP1200082XXXX	N/A	1	2
38	P.03.B.HVSLP1200082A195				
39	P.03.B.HVSLP1200082B170				
40	P.03.B.HVSLP1200082B195				
41	P.03.B.HVSLP1200082C170				
42	P.03.B.HVSLP1200082C195				
straight plug					
43	HVSL1200062C095	C-HVSL1200062X0XX	N/A	2	3
44	HVSL1200062B170	C-HVSL1200062X1XX	N/A	6	7
45	HVSL1200062B195				
46	HVSL1200062A170				
47	HVSL1200062A195				
48	HVSL1200062C170				
49	HVSL1200062C195				
50	HVSL1200062B162S5	C-HVSL1200062XX62S5	N/A	1	2
51	HVSL1200062A162S5				

52	HVSL1200062C162S5				
53	HVSL1200062B1S1	C-HVSL1200062XXS1	N/A	1	2
54	HVSL1200062A1S1				
55	HVSL1200062C1S1				
56	HVSL1200062B170S6	C-HVSL1200062XXXXS6	N/A	1	2
57	HVSL1200062A170S6				
58	HVSL1200062C170S6				
59	HVSL1200062B0	C-HVSL1200062XY	N/A	1	2
60	HVSL1200062B1				
61	HVSL1200062A1				
62	HVSL1200062C1				
63	HVSL1200062B095S4	C-HVSL1200062XY95S4	N/A	3	4
64	HVSL1200062B195S4				
65	HVSL1200062A095S4				
66	HVSL1200062A195S4				
67	HVSL1200062C095S4				
68	HVSL1200062C195S4				
69	HVSL1400062A1120	C-HVSL1400062XXXX	N/A	1	2
70	HVSL1400062A170				
71	HVSL1400062A195				
72	HVSL1400062B1120				
73	HVSL1400062B170				
74	HVSL1400062B195				
75	HVSL1400062C1120				
76	HVSL1400062C170				
77	HVSL1400062C195				
socket					
78	HVSL1200022A1D8L	C-HVSL1200022X1D8L	N/A	3	4
79	HVSL1200022B1D8L				
80	HVSL1200022C1D8L				
81	HVSL1200022A1D8S6	C-HVSL1200022XXD8S6	N/A	1	2
82	HVSL1200022A0S8	C-HVSL1200022XYS8	N/A	1	2
83	HVSL1200022A1S8				
84	HVSL1200022B0S8				
85	HVSL1200022B1S8				
86	HVSL1200022C0S8				
87	HVSL1200022C1S8				
88	HVSL1200022A1D10	C-HVSL1200022X1D10	N/A	4	5
89	HVSL1200022B1D10				
90	HVSL1200022C1D10				
91	HVSL1200022A1H10	C-HVSL1200022XXH10	N/A	7	8
92	HVSL1200022B1H10				
93	HVSL1200022C1H10				
94	HVSL1200022A1H8L	C-HVSL1200022X1H8L	N/A	4	5
95	HVSL1200022B1H8L				
96	HVSL1200022C1H8L				
97	HVSL1200022AS1	C-HVSL1200022XS1	N/A	1	2
98	HVSL1200022A001	C-HVSL1200022XX01	N/A	2	3
99	HVSL1200022A101				
100	HVSL1200022B001				
101	HVSL1200022B101				
102	HVSL1200022C001				
103	HVSL1200022C101				
104	HVSL1200022A1H10S10	C-HVSL1200022XXH10S10	N/A	1	2

105	HVSL1200022B1H10S10				
106	HVSL1200022C1H10S10				
107	HVSL1200022A0S2	C-HVSL1200022X1S2	N/A	3	4
108	HVSL1200022A1S2				
109	HVSL1200022B0S2				
110	HVSL1200022B1S2				
111	HVSL1200022C0S2				
112	HVSL1200022C1S2				
113	HVSL1400022A1D8S6	C-HVSL1400022XYD8S6	N/A	1	2
114	HVSL1400022B1D8S6				
115	HVSL1400022C1D8S6				
116	HVSL1400022A1H8L	C-HVSL1400022XXH8L	N/A	1	2
117	HVSL1400022B1H8L				
118	HVSL1400022C1H8L				
119	HVSL1400022A1H8	C-HVSL1400022XXH8	N/A	1	2
120	HVSL1400022B1H8				
121	HVSL1400022C1H8				
wiring harness					
122	P.08.B.HVSL1200082B170WL2000H8	C-HVSL1200082X170WLXXXXH8	N/A	1	2
123	P.08.B.HVSL1200082A170L2000	C-HVSL1200082X1XXLXXXX	N/A	1	2
124	P.08.B.HVSL1200082A170L3000				
125	P.08.B.HVSL1200082A170L5000				
126	P.08.B.HVSL1200082A170L8000				
127	P.08.B.HVSL1200082A195L1000				
128	P.08.B.HVSL1200082A195L2000				
129	P.08.B.000372	C-P08B000372	N/A	1	2
130	P.08.B.P08B000917	C-P08B000917	N/A	1	2
131	P.08.B.P08B000918	C-P08B000918	N/A	1	2
132	P.08.B.P08B000958	C-P08B000958	N/A	6	7
133	P.08.B.P08B000986	C-P08B000986	N/A	4	5
134	P.08.B.P08B001021	C-P08B001021	N/A	3	4
135	HVSL1200062195WL2070FD	C-HVSL1200062195WL2070FD	N/A	N/A	N/A
136	HVSL1200062B062B195L5000	C-HVSL1200062X062X1XXLXXXX	N/A	N/A	N/A
137	HVSL1200062B195S4L3000	C-HVSL1200062B195S4LXXXX	N/A	N/A	N/A
138	HVSL1200062B195S4L3010				
139	HVSL1200062B195S4L3900				
140	HVSL1200062A062A195WL2000	C-HVSL1200062X062X195WLxxxx	N/A	N/A	N/A
141	HVSL1200062A062A195WL5000				
142	HVSL1200062A062A195WL7000				
143	HVSL1200062B170L2000	C-HVSL1200062X1XXLXXXX	N/A	N/A	N/A
144	HVSL1200062A170L3000				
145	HVSL1200062B195L2000	C-HVSL1200062X195Lxxxx	N/A	N/A	N/A
146	HVSL1200062B195L3000				
147	HVSL1200062A195L1000				
148	HVSL1200062A195L2000				
149	HVSL1200062A195L3000				
150	HVSL1200062A195L4000				
151	HVSL1200062A195L5000				
152	HVSL1200062A195WL3000	C-HVSL1200062X195WLXXXX	N/A	N/A	N/A
153	HVSL1200062B195WL2000H12	C-HVSL1200062X195WLxxxxH12	N/A	N/A	N/A
154	HVSL1200062A195WL2000H12				
155	P08B000214	C-P08B000214	N/A	N/A	N/A
156	P08B000217	C-P08B000217	N/A	N/A	N/A
157	P08B000795	C-P08B000795	N/A	N/A	N/A

158	P08B001995	C-P08B001995	N/A	N/A	N/A
159	P08B001996	C-P08B001996	N/A	N/A	N/A
160	HVSL1200022A1H10L1000HVIL	C-HVSL1200022x1H10LxxxxHVIL	N/A	1	2
161	HVSL1200022A1H10L1000	C-HVSL1200022XXH10LXXXX	N/A	1	2
162	HVSL1200022B1H10L1000				
163	HVSL1200022C1H10L1000				