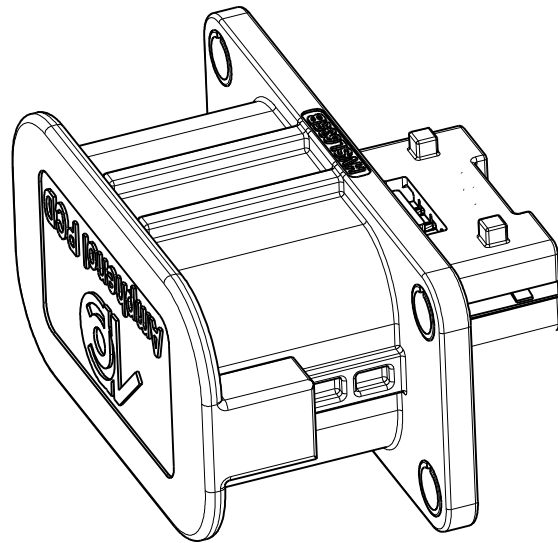
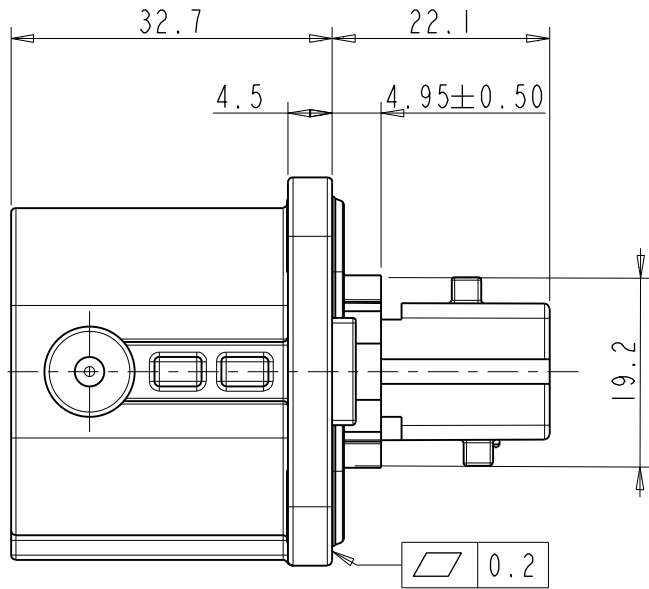
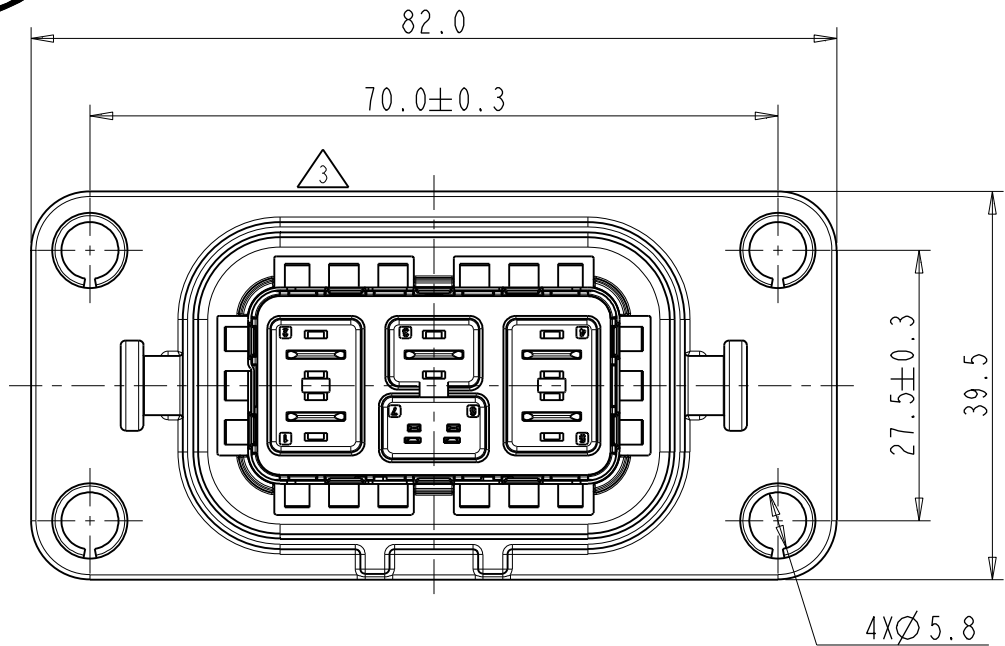


Amphenol PCD SZ
ORIGINAL
PDF Format
R&D

REV	ECN	DESCRIPTION	DATE	MODIFIED
1		PRE- RELEASE	Oct-28-22	
2	C7072N	CHANGE THE VOLTAGE DATA	May-05-2023	
3	C7820N	UPDATE DRAWING ERROR STRUCTURE	Feb-19-2024	



1. NOTES:

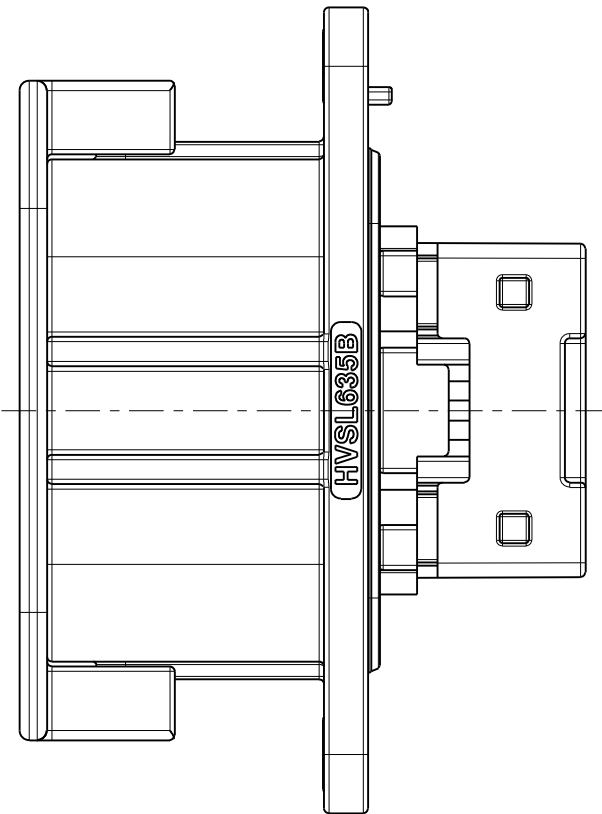
- 1).TIGHT TORQUE WITH MOUNTING PLATE(M5):6.0 N.M ±10%,
2).WIRE RANGE:

POWER TERMINAL:6mm^2,OD OF NO SHIELDED WIRE:≤Ø 5.3mm

HVIL TERNINAL:0.5~0.75mm^2,OD OF WIRE:Ø 1.4~1.9mm.

2.TECHNICAL DATA:

TECHNICAL DATA		REMARK
VOLTAGE(OVEROLTAGE CATEGORY 1 /POLLUTION DEGREE 2)	850V DC	+
WITHSTAND VOLTAGE	2700V AC(RMS)	+
INSULATION RESISTANCE	>200 MΩ MIN @25°C	+
RATED CURRENT (6MM^2 SHIELD CABLE)	40A @ AMBIENT 70°C	+
WATER PROOF (MATED CONDITION)	IP67&IP6K9K	+
IP FOR FINGER TOUCH (UNMATED CONDITION)	IP2XB	+
SHIELDING FUNCTION	YES	
DURABILITY	50 CYCLES	◎
AMBIENT TEMPERATURE	-40-70°C	
OPERATING TEMPERATURE	-40-125°C	
RoHS & REACH	YES	+

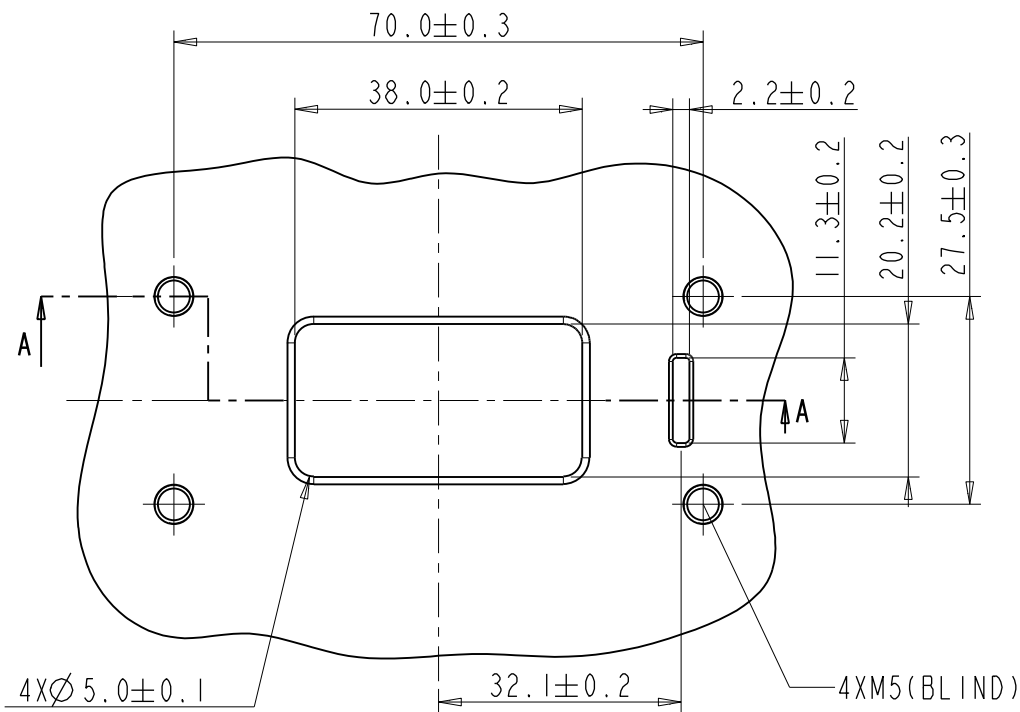


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Amphenol PCD Shenzhen
受 控 文 件
2024年2月26日

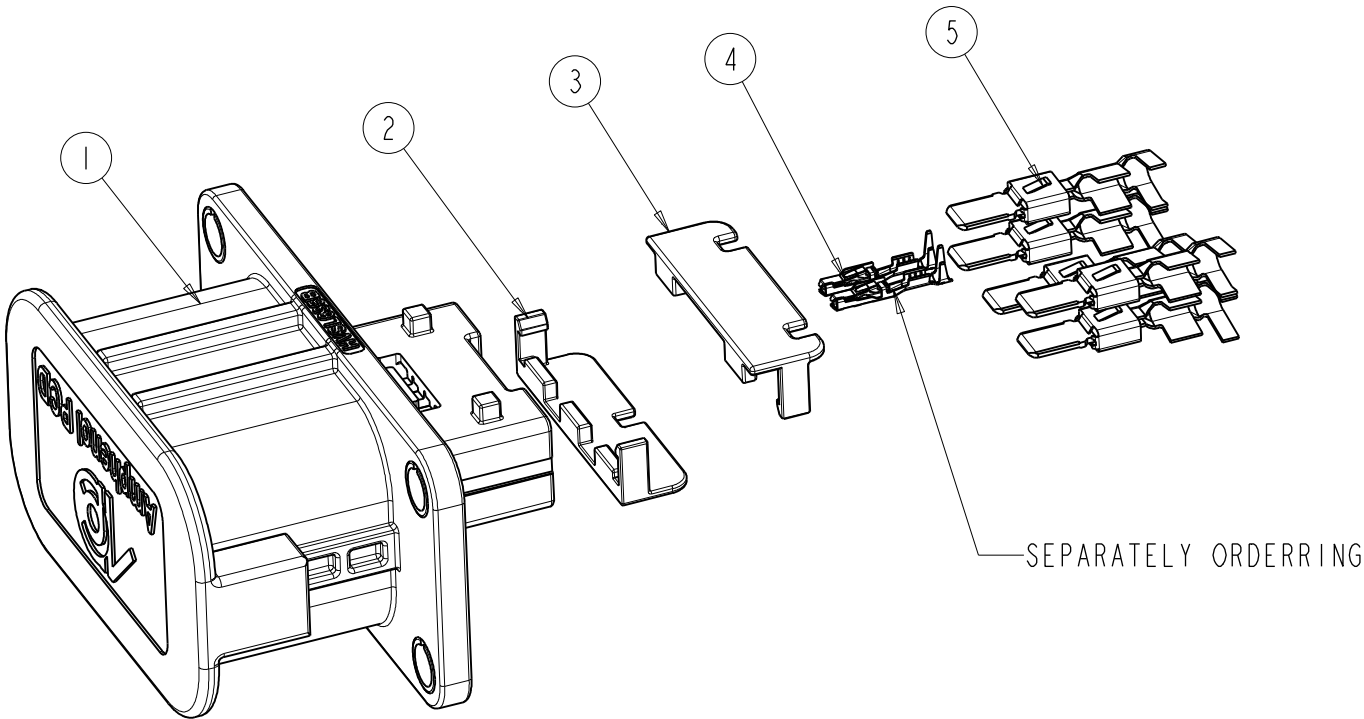
DIMENSIONS	TOLERANCES	PROJECTION	TITLE				
ANSI Y14.5M UNITS: MM Pro/E FILE	.X ±0.5 .XX ±0.05 ANGLES ±2°		HVSL635B CRIMPING VERSION				
			ENGR		Oct-28-22		
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF Amphenol PCD Shenzhen Co. Ltd Amphenol PCD Shenzhen Co. Ltd RESERVES THE RIGHT TO CLARIFY THIS DRAWING	CHKD		SIZE	DWG NO.		REV
				A3	C-HVSL635B0201		3
		APPD					
						SCALE: 1:1	

✦ IS CRITICAL CHARACTERISTICAL SYMBOL
◎ IS IMPORTANT CHARACTERISTICAL SYMBOL

3.PANEL SPECIFICATION

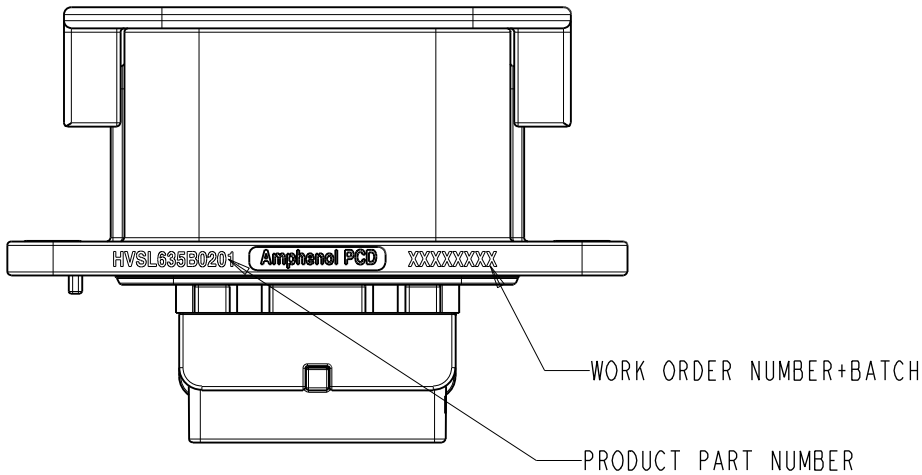


5.ASSEMBLY BOM LIST



5	C310003622S	POWER CONTACT	5	SEPARATELY ORDERRING PARTS
4	C310003613S	SIGNAL CONTACT	2	SEPARATELY ORDERRING PARTS
3	P01BP00616	TPA-2	1	NA
2	P01BP00617	TPA-1	1	NA
1	P02B000264	RECEPTACLE BODY	1	NA
ITEM	PART NO.	DESCRIPTION	Q'TY	REMARK
COMPONENT P/N:HVSL635B0201				

4.PRINTING REQUIREMENTS:



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受控文件
2024年2月26日

SIZE A3	DWG NO. C-HVSL635B0201	REV 3
SCALE: 1:1		SHEET 2 OF 2