



安费诺精密连接器(深圳)有限公司
Amphenol PCD Shenzhen

受控文件
2019年8月27日

REV	ECN	DESCRIPTION	DATE	MODIFIED
C	C3005	ADD CODING C	2018.10.22	ROY,QU
D	R3408-N	SIZE CHANGE OF STERN COVER	2019.08.14	DICK,RAO

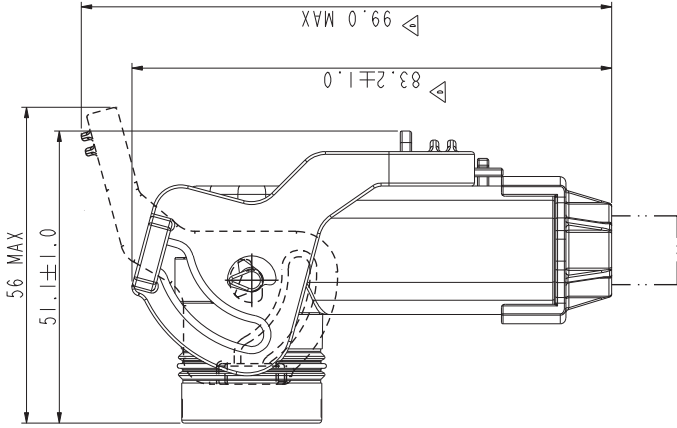
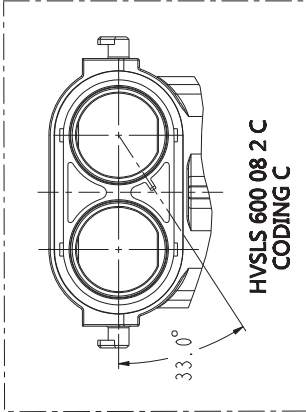
HVSL 600 08 2 A
CODING A

HVSL 600 08 2 B
CODING B

TECHNICAL DATA	
CURRENT RATE (25MM^2 CABLE)	120A @ AMBIENT 70° C
CURRENT RATE (16MM^2 CABLE)	80A @ AMBIENT 70° C
UL RATING VOLTAGE (OVERVOLTAGE CATEGORY II POLLUTION DEGREE 2)	1000V DC
DIELECTRIC WITH STANDING VOLTAGE	3000V AC
INSULATION RESISTANCE	100MΩ MIN. @25° C
DURABILITY	50 CYCLES (MIN)
SHIELDING	YES
WATERPROOF (MATED CONDITION)	IP 67, IP6K9K
PROTECTION LEVEL	IP2XB
OPERATING TEMPERATURE	-40~125° C
AMBIENT TEMPERATURE	-40~70° C
ROHS	YES

NOTES:

- MATERIAL & FINISH:
PLASTIC BODY: THERMOPLASTICS ORANGE COLOR,PA66+GF25
POWER CONTACT: COPPER ALLOY SILVER PLATED
HVIL CONTACTS: COPPER ALLOY GOLD PLATED
SEAL RING: SI
- TECHNICAL DATA SHEET:APCD-TD-201
- PART NUMBER DESCRIPTION:



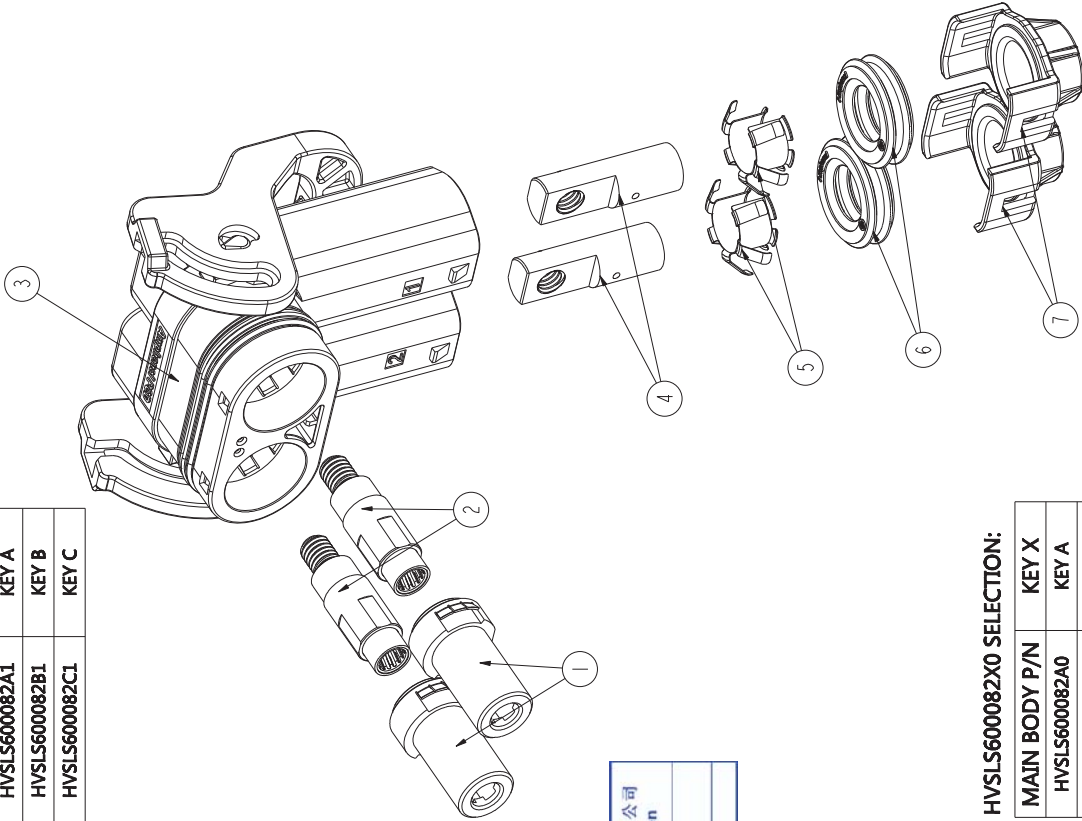
- 25: CROSS-SECTION 25mm²
SHIELDED WIRE OD=11.9 ± 0.3mm
16: CROSS-SECTION 16mm²
SHIELDED WIRE OD=11.2 ± 0.25mm

TITLE		HVSLS 600 08 2 X R/A PLUG ASSEMBLY		REV
Amphenol Pcd Shenzhen	ENGR	Robin Yuan	24/02/16	
CHKD	Ben New			
APPD	Se-bao			
DIMENSIONS	ANSI Y14.5M	SIZE	A3	
UNITS: MM	Pro/E FILE	SIZE	DWG NO.	
PROJECTION	TOLERANCES	CODE	58982	
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF AMPHENOL PCD SHENZHEN	SCALE	1:1	
		SHEET	1	OF 2

HVSLS600082X1 SELECTION:

MAIN BODY P/N	KEY X
HVSLS600082A1	KEY A
HVSLS600082B1	KEY B
HVSLS600082C1	KEY C

HVSLS600082X1XX (WITH HVIL)	ITEM	COMPONENT P/N	CABLE SIZE	DESCRIPTION	Q'TY
	7	C2200036952	16mm2	END CAP (WIRE OD=11.2 ± 0.25mm)	2
		C2200036951	25mm2	END CAP (WIRE OD=11.9 ± 0.3mm)	2
	6	C2700036492	16mm2	CABLE SEAL (WIRE OD=11.2 ± 0.25mm)	2
		C2700036491	25mm2	CABLE SEAL (WIRE OD=11.9 ± 0.3mm)	2
	5	C310005004	N/A	SPRING	2
	4	C2000036511	16mm2	PIN CONTACT	2
		C200003651	25mm2	PIN CONTACT	2
	3	HVSLS600082X1	N/A	MAIN BODY & WITH HVIL	1
	2	C420003648	N/A	SOCKET CONTACT BODY	2
ASSEMBLY P/N	1	C220003697	N/A	SOCKET CONTACT GAP	2
	ITEM	COMPONENT P/N	CABLE SIZE	DESCRIPTION	Q'TY



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HVSLS600082X0 SELECTION:

MAIN BODY P/N	KEY X
HVSLS600082A0	KEY A
HVSLS600082B0	KEY B
HVSLS600082C0	KEY C

HVSLS600082X0XX (WITHOUT HVIL)	ITEM	COMPONENT P/N	CABLE SIZE	DESCRIPTION	Q'TY
	7	C2200036952	16mm2	END CAP (WIRE OD=11.2 ± 0.25mm)	2
		C2200036951	25mm2	END CAP (WIRE OD=11.9 ± 0.3mm)	2
	6	C2700036492	16mm2	CABLE SEAL (WIRE OD=11.2 ± 0.25mm)	2
		C2700036491	25mm2	CABLE SEAL (WIRE OD=11.9 ± 0.3mm)	2
	5	C310005004	N/A	SPRING	2
	4	C2000036511	16mm2	PIN CONTACT	2
		C200003651	25mm2	PIN CONTACT	2
	3	HVSLS600082X0	N/A	MAIN BODY & WITHOUT HVIL	1
	2	C420003648	N/A	SOCKET CONTACT BODY	2
ASSEMBLY P/N	1	C220003697	N/A	SOCKET CONTACT GAP	2
	ITEM	COMPONENT P/N	CABLE SIZE	DESCRIPTION	Q'TY

SIZE	DWG NO.	REV
A3	C-HVSLS600082XXXX	D
CODE: 58982	SCALE: 1:1	SHEET 2 OF 2