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CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
1	N/A	FIRST RELEASE	07/28/17	IP
2	N/A	UPDATE THE KEEP OUT ZONE	07/28/17	IP
3	HK7874	CHANGE THE CODE	07/18/18	IP
4	HK8465	ADD NEW SHELL TAIL AND CODING OPTION	07/22/19	IP
5	HK9416	REFER TO SAMPLES REVISION DRAWING	03/11/21	IP

NOTES/ 注释:

1. MATERIAL/ 材料:

1.1 HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL94V-0.

胶壳: 耐高温热塑性塑胶, UL94 V-0防火等级, 黑色

1.2 CONTACTS/端子: COPPER ALLOY/铜合金

PLATING: REFER TO P/N SYSTEM ON MATING AREA.

电镀规格: 接触区域电镀请参考料号编码对应编码

NICKEL UNDER PLATED OVERALL.

整体底层镀材为镍层。

PURE MATTE TIN ON SOLDER TAILS.

焊接区域为雾锡。

1.3 SHELL: STAINLESS STEEL/屏蔽壳: 不锈钢

SOLDERABLE NICKEL OVERALL.

整体镀2~3.75um Min的可焊镍。

2. GENERAL SPECIFICATION/通用特性:

2.1 CURRENT RATING: 2.5A/PER PIN.

额定电流: 2.5安培/每PIN

2.2 CONTACT RESISTANCE: 30mΩ MAX (INITIAL).

接触电阻: 30毫欧最大(初始值)

2.3 INSULATOR RESISTANCE: 100MΩ MIN.

绝缘电阻: 100兆欧最小

2.4 DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC

耐电压: 500伏交流

2.5 OPERATION TEMPERATURE: -40°C~+100°C

操作温度: -40摄氏度至100摄氏度

3. DIMENSIONING SHALL BE INTERPRETED PER ASME Y14.5M 1994.

尺寸标注基于ASME Y14.5M 1994标准规范

4. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC.# S-SN-004.

产品材料环保标准为Amphenol SSN#004

5. Dimension marked ∇ should be checked the cpk(>=1.33)

尺寸有加注 ∇ 需要测量cpk(>=1.33)

6. ORDER P/N SYSTEM

产品料号编码系统:

HSCHD02XRX 0X X X

CODE OPTION (SEE TABLE 1)

A- A CODE

B- B CODE

C- C CODE

D- D CODE

E- E CODE

COLOUR

0- BLACK

1- BLUE

2- BROWN

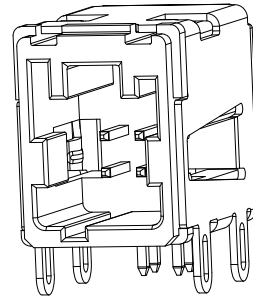
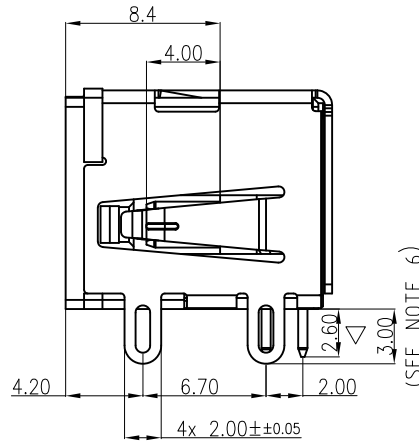
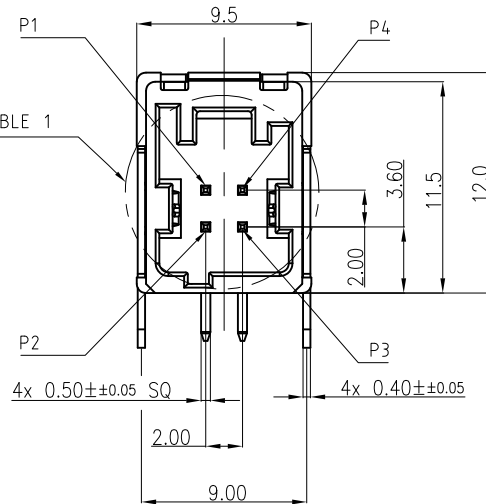
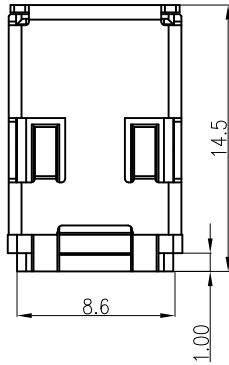
3- GREEN

4- GREY

PACKING STYLE
R- TAPE AND REEL

MATING AREA PLATING
1- 0.15um Au.

SHELL TAIL OPTION
0- 3.00mm WITH HOLE
1- 2.60mm WITHOUT HOLE



UNLESS OTHERWISE SPECIFIED
TOLERANCES

	U.S.	METRIC
.X	+/-	0.50
.XX	+/-	0.25
.XXX	+/-	0.10
FRACTIONS	+/-	
ANGLES	+/-	3°

FOR MATERIALS AND FINISHES
SEE NOTES

REMOVE SHARP EDGES

DIMENSIONS

U.S.	INCHES
(METRIC)	(MM)

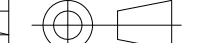
APPROVAL DATE

DRAWN	Shawn	03/11/21
CHECKED	Dan	03/11/21
CHECKED		

DRAWING FILE: \X\PE Master\

DRAWING: HSC\HSC\HSCD02XRX00XX-5

ANGLE OF PROJECTION



Amphenol

Amphenol East Asia Limited

TITLE CUSTOMER DRAWING FOR
HSC R/A PLUG

SIZE DRAWING NO. REV.

A3	HSCHD02XRX00XX	5
SCALE	NONE	SHEET 1 OF 2

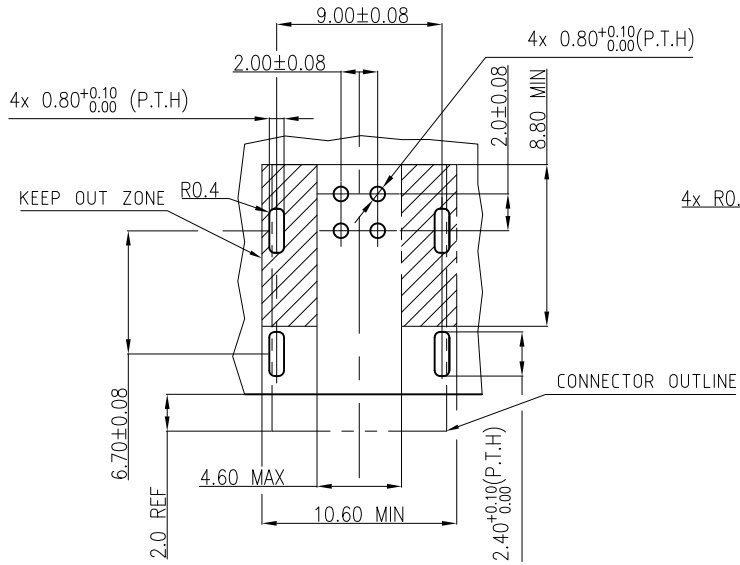
HSCHD02XRX00XX
PRODUCT NUMBER

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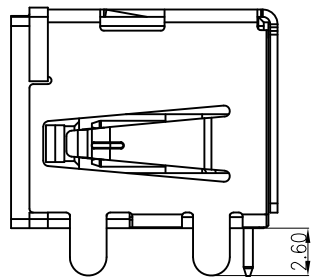
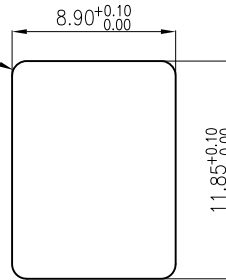
CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED

TABLE 1



RECOMMENDED PANEL
(THICKNESS:1.0mm)



SAME AS HSCHD02XRX00XX
EXCEPT FOR THE FEATURE AS
SHOWN

HSCHD02XRX01XX

PRODUCT NUMBER



UNLESS OTHERWISE SPECIFIED TOLERANCES			APPROVAL		DATE	Amphenol Amphenol East Asia Limited TITLE CUSTOMER DRAWING FOR HSC R/A PLUG SIZE DRAWING NO. A3 HSCHD02XRX0XXX SCALE NONE	REV. 5 SHEET 2 OF 2
U.S. METRIC			DRAWN	Shawn	03/11/21		
.X +/- 0.50			CHECKED	Dan	03/11/21		
.XX +/- 0.25			CHECKED				
.XXX +/- 0.10			DRAWING FILE : \X\PE Master\				
FRACTIONS +/-			DRAWING\HSC\HSCHD02XRX0XXX-5				
ANGLES +/- 3°			ANGLE OF PROJECTION				
FOR MATERIALS AND FINISHES SEE NOTES			REMOVE SHARP EDGES				
DIMENSIONS			U.S. INCHES				
(METRIC) (MM)							