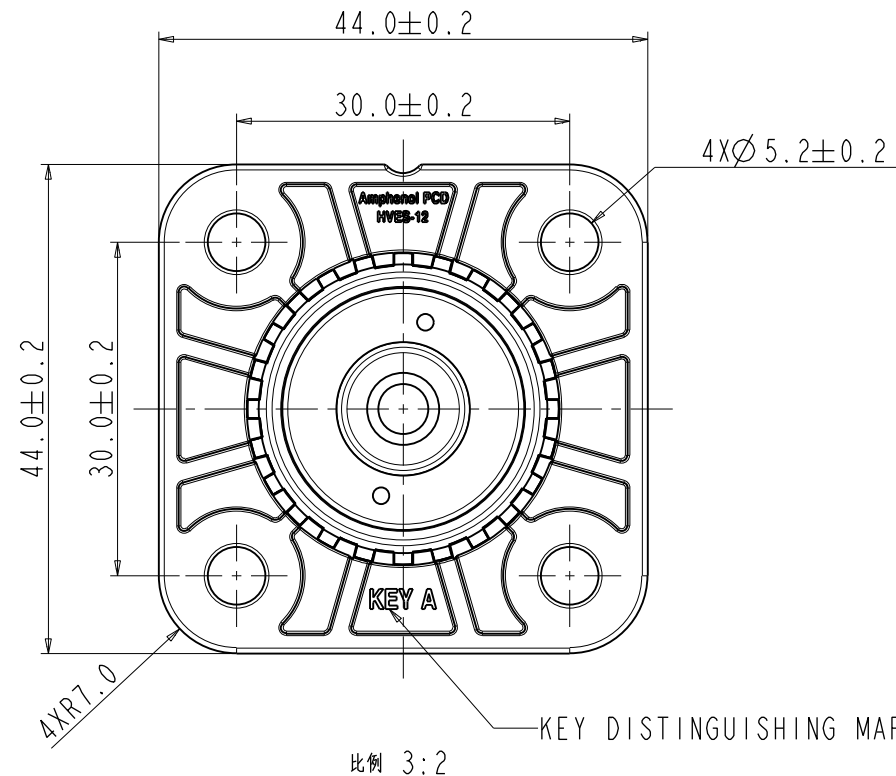
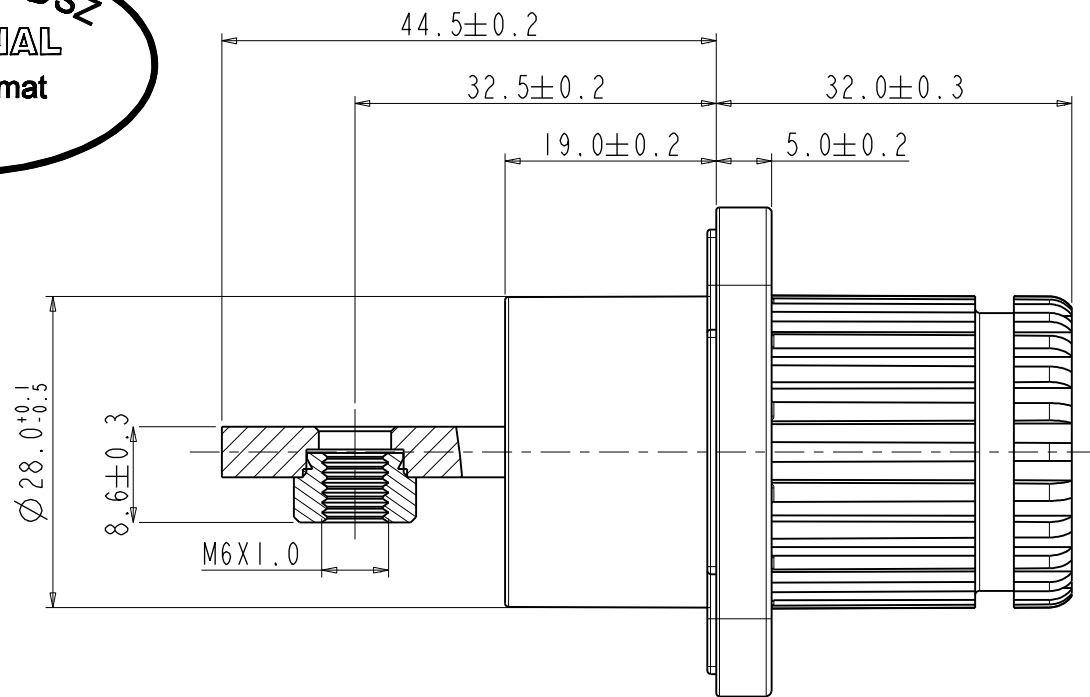


Amphenol PCDSZ
ORIGINAL
PDF Format
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5. TECHNICAL DATA TABLE

TECHNICAL DATA		
CURRENT RATE (120MM ² UNSHIELD CABLE)	400A @ AMBIENT 70°C	✦
CURRENT RATE(MEETS UL4128) (120MM ² UNSHIELD CABLE)	360A @ AMBIENT 70°C	✦
CURRENT RATE (95MM ² UNSHIELD CABLE)	300A @ AMBIENT 70°C	✦
RATING VOLTAGE (OVERVOLTAGE CATEGORY II POLLUTION DEGREE 2)	1500V DC	
OPERATING TEMPERATURE	-40~125°C	
DIELECTRIC WITHSTANDING VOLTAGE	4000V AC(RMS)	✦
INSULATION RESISTANCE	200MΩ MIN.@25°C	✦
DURABILITY	50 CYCLES	◎
WATERPROOF (MATED CONDITION)	IP67, IP6K9K	✦
PROTECTION LEVEL(UNMATED)	IP2XB	✦
AMBIENT TEMPERATURE	-40~70°C	
RoHS&REACH	YES	✦

4. PART NUMBERING SCHEME:

HVES 12 02 1 X S01

CODE	KEY X	COLOR
A	KEY A	ORANGE
B	KEY B	BLACK

01: COPPER BAR(M6X1.0)

✦ : CRITICAL CHARACTERISTICS / 关键特性

◎ : IMPORTANT CHARACTERISTICS / 重要特性

NOTES:

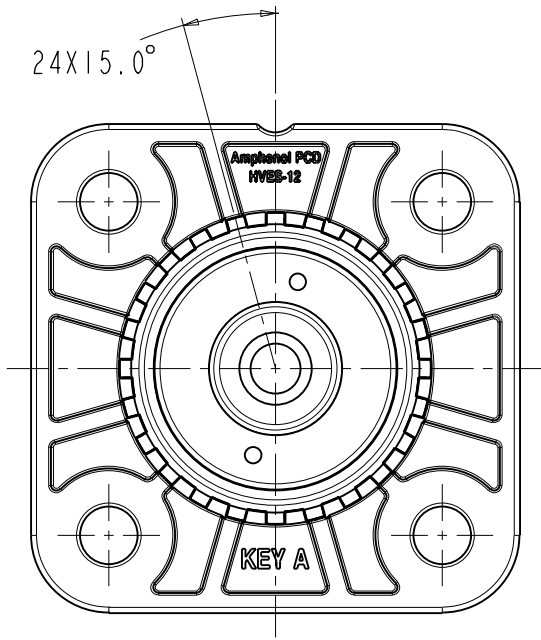
- MATERIAL & FINISH:
PLASTIC BODY: THERMOPLASTICS
POWER CONTACT: COPPER ALLOY SILVER
SEAL RING: SR
- THE FLANGE IS LOCKED WITH M5 BOLTS, AND THE LOCKING TORQUE IS 5.9N.M (REFERENCE STANDARD: DIN-EN20273)
- THE COPPER BAR IS LOCKED WITH M6 BOLTS, AND THE LOCKING TORQUE IS 5.3N.M (REFERENCE STANDARD: NFF 61-017)

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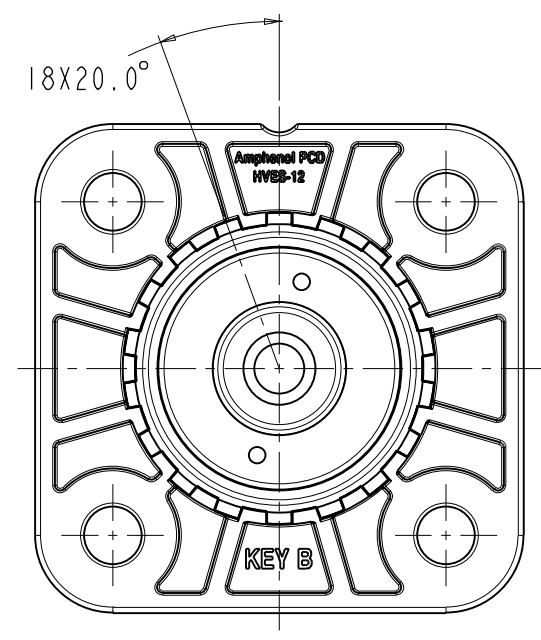
受 控 文 件

2024年8月8日

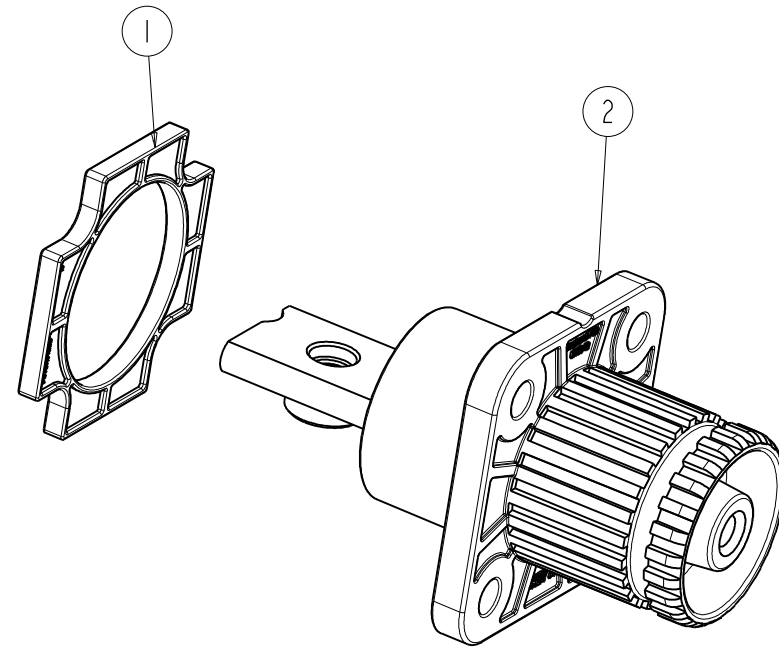
DIMENSIONS	TOLERANCES	PROJECTION	TITLE					
ANSI Y14.5M UNITS: MM Pro/E FILE	.X ±0.5 .XX ±0.05 ANGLES ±2°	 	RECEPTACLE ASSEMBLY					
			ENGR . Jul-16-2024					
ORIGINAL	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF Amphenol PCD Shenzhen Co. Ltd Amphenol PCD Shenzhen Co. Ltd RESERVES THE RIGHT TO CLARIFY THIS DRAWING	CHKD	SIZE		DWG NO.		REV	
		APPD	A3		C-HVES12021XS01		1	
				SCALE: 1:1		SHEET 1 OF 2		



KEY A

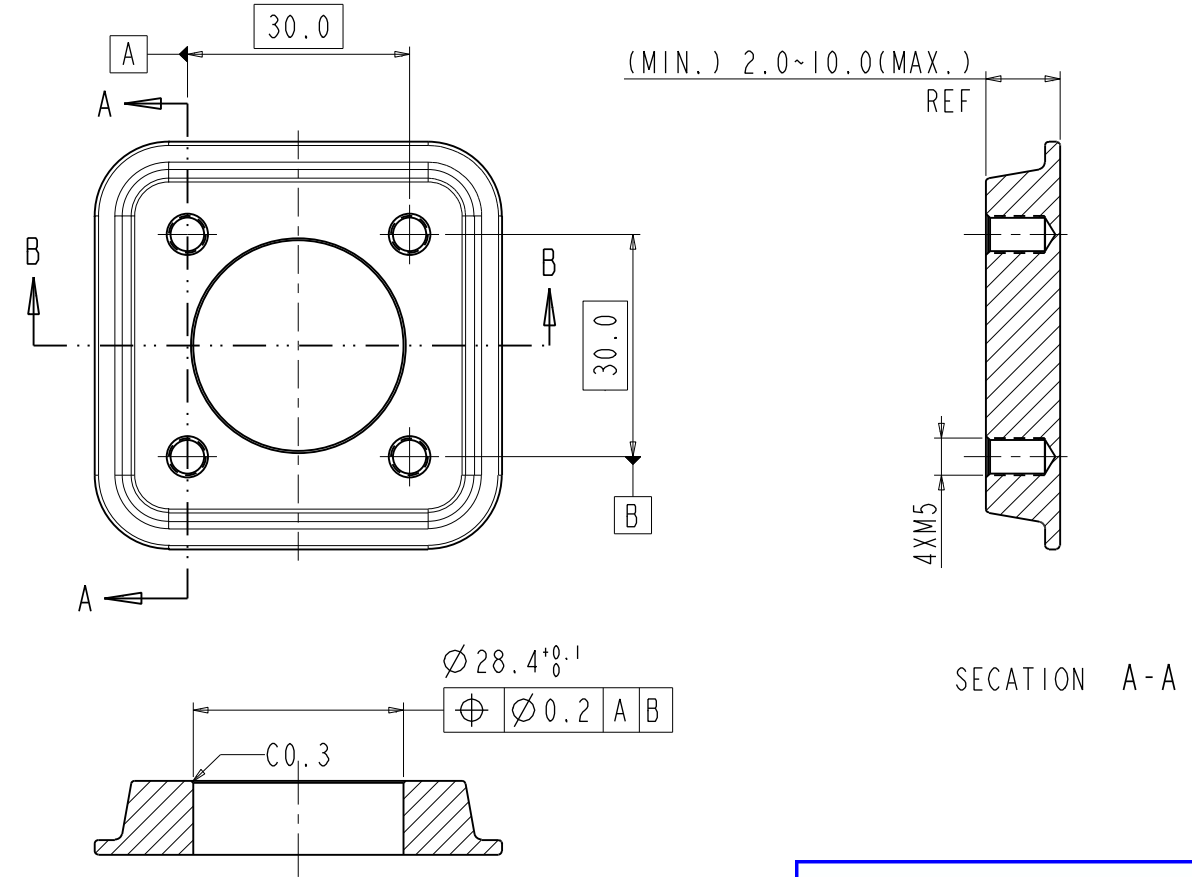


KEY B



2	P02B00066002	RECEPTACLE COMPONENT KEY B	1
	P02B00066001	RECEPTACLE COMPONENT KEY A	1
1	P01BR01052	RECEPTACLE SEAL	1
ITEM	COMPONENT P/N	DESCRIPTION	Q'TY

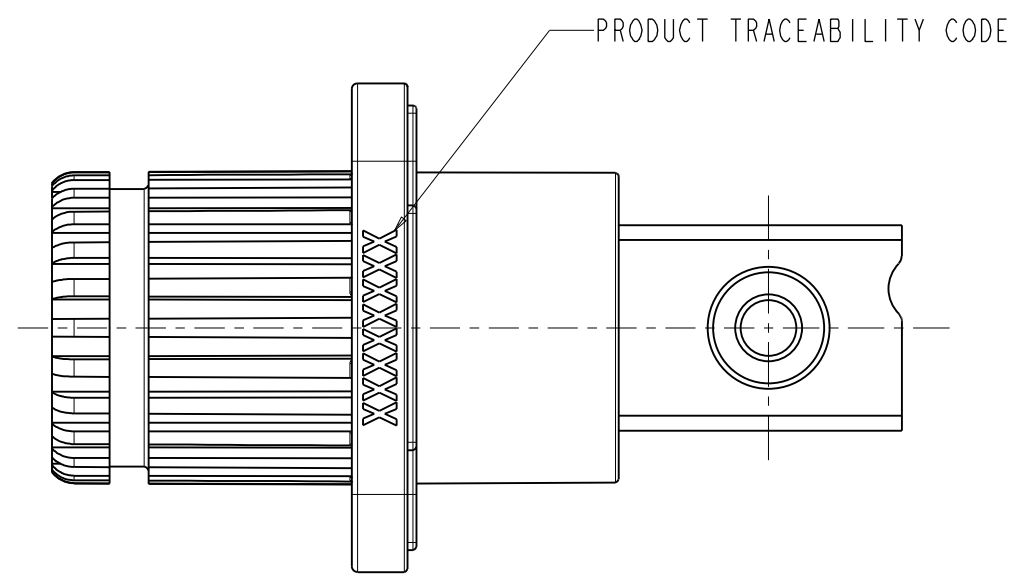
RECOMMENDED MOUNTING PLATE



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SIZE	DWG NO.	REV
A3	C-HVES12021XS01	1
SCALE: 1:1		SHEET 2 OF 2