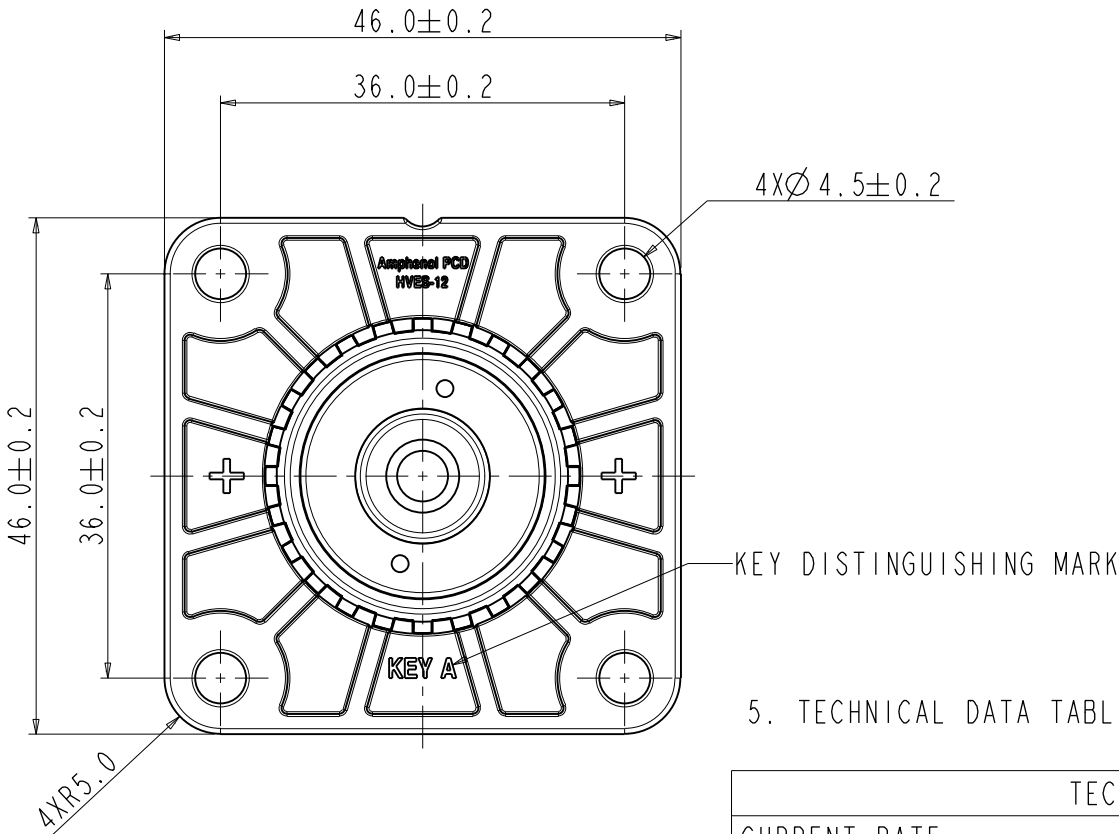
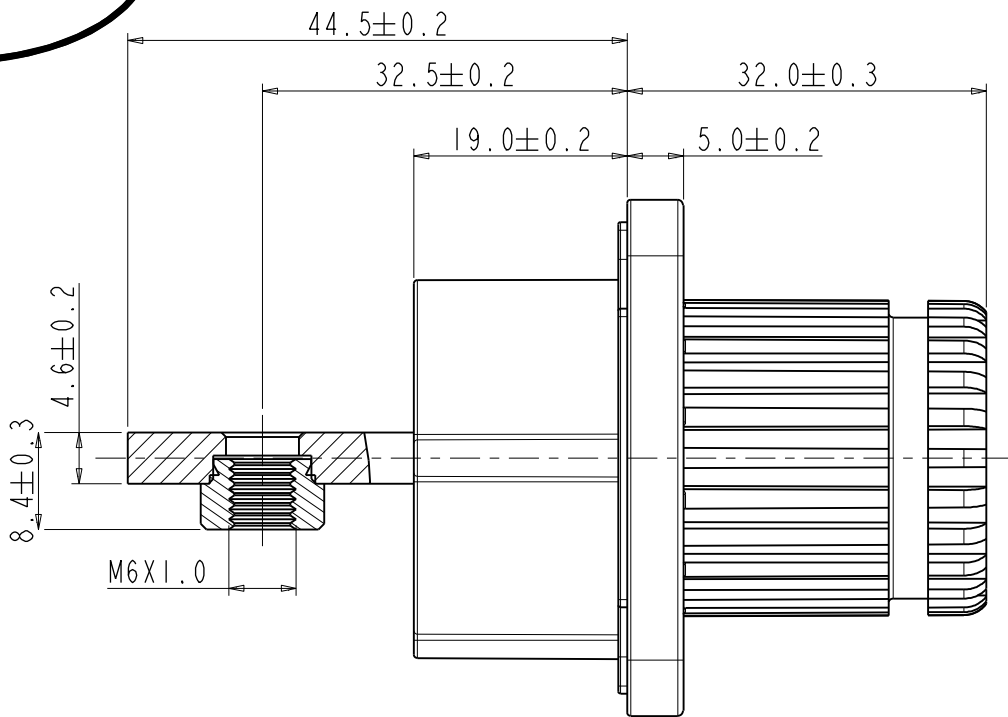


REV	ECN	DESCRIPTION	DATE	MODIFIED
I		PRE- RELEASE	Jul-26-2024	



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

受 控 文 件

2024年8月29日

5. TECHNICAL DATA TABLE

TECHNICAL DATA		
CURRENT RATE (120MM^2 UNSHIELD CABLE)	400A @ AMBIENT 70°C	+
CURRENT RATE (4/0 AWG 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	◎
WATERPRROF (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 S02

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

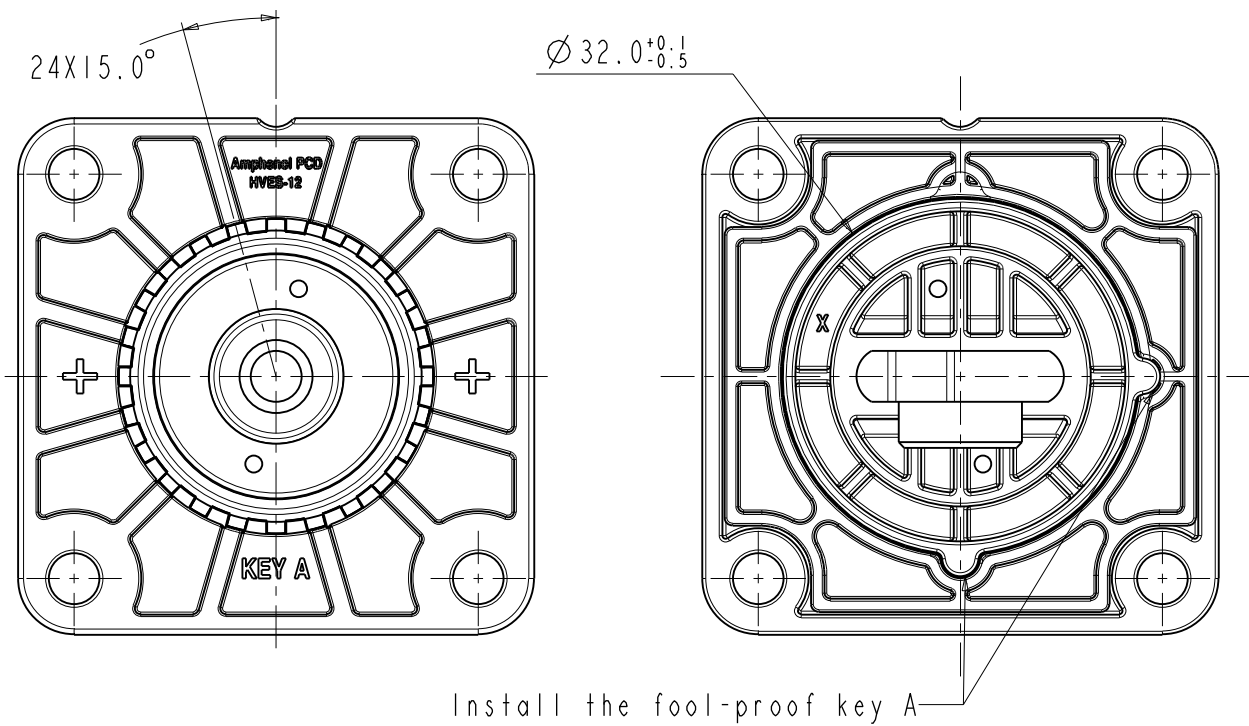
01: COPPER BAR(M6X1.0)

✦ :CRITICAL CHARACTERISTICS / 关键特性
◎ : IMPORTANT CHARACTERISTICS / 重要特性

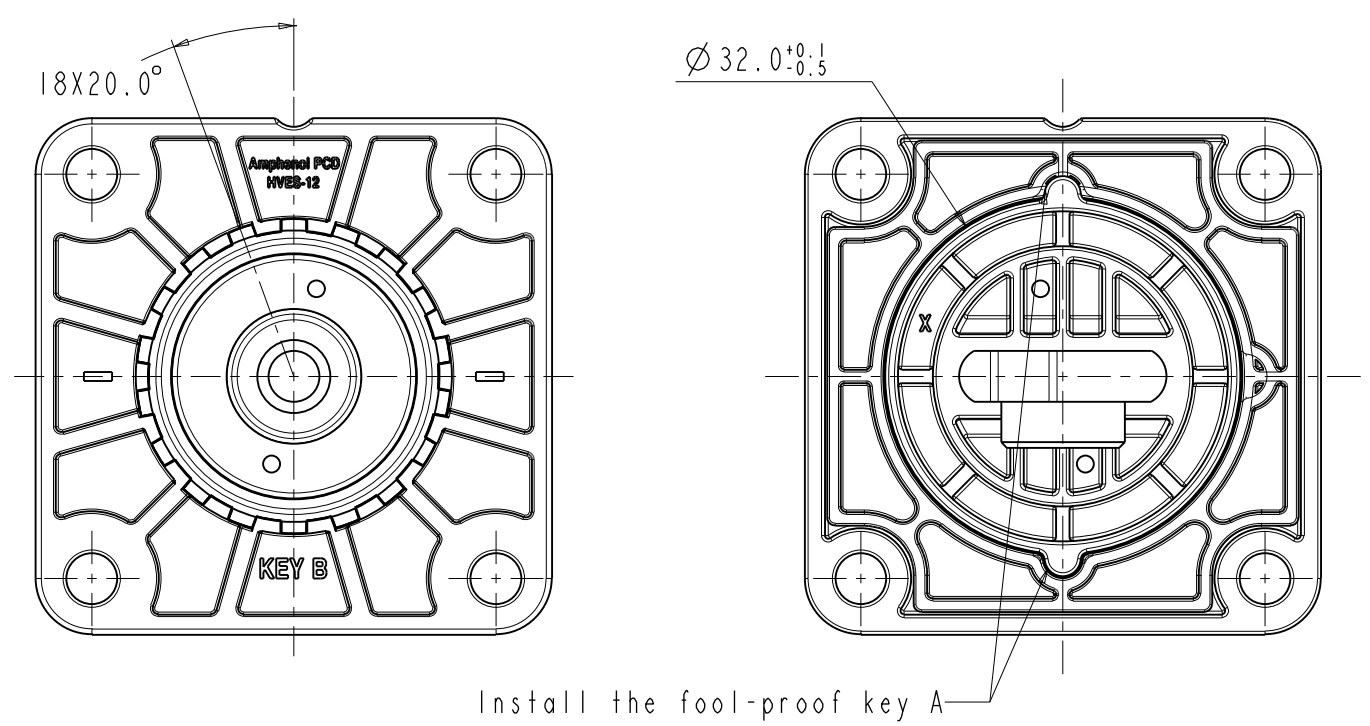
NOTES:

1. MATERIAL & FINISH:
PLASTIC BODY: THERMOPLASTICS
POWER CONTACT: COPPER ALLOY SILVER
SEAL RING: SR
- 2.THE FLANGE IS LOCKED WITH M5 BOLTS,AND THE LOCKING TORQUE IS 5.9N.M±10% (REFERENCE STANDARD:DIN-EN20273)
- 3.THE COPPER BAR IS LOCKED WITH M6 BOLTS,AND THE LOCKING TORQUE IS 5.3N.M±10% (REFERENCE STANDARD:NFF 61-017)

DIMENSIONS	TOLERANCES	PROJECTION	ENGR Jul-26-2024		TITLE HVES 12 02 1 X S02 RECEPTACLE ASSEMBLY			
ANSI Y14.5M UNITS: MM Pro/E FILE	.X ±0.5 .XX ±0.05 ANGLES ±2°							
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-HVES12021XS02	1			
					SCALE: 1:1	SHEET 1 OF 3		

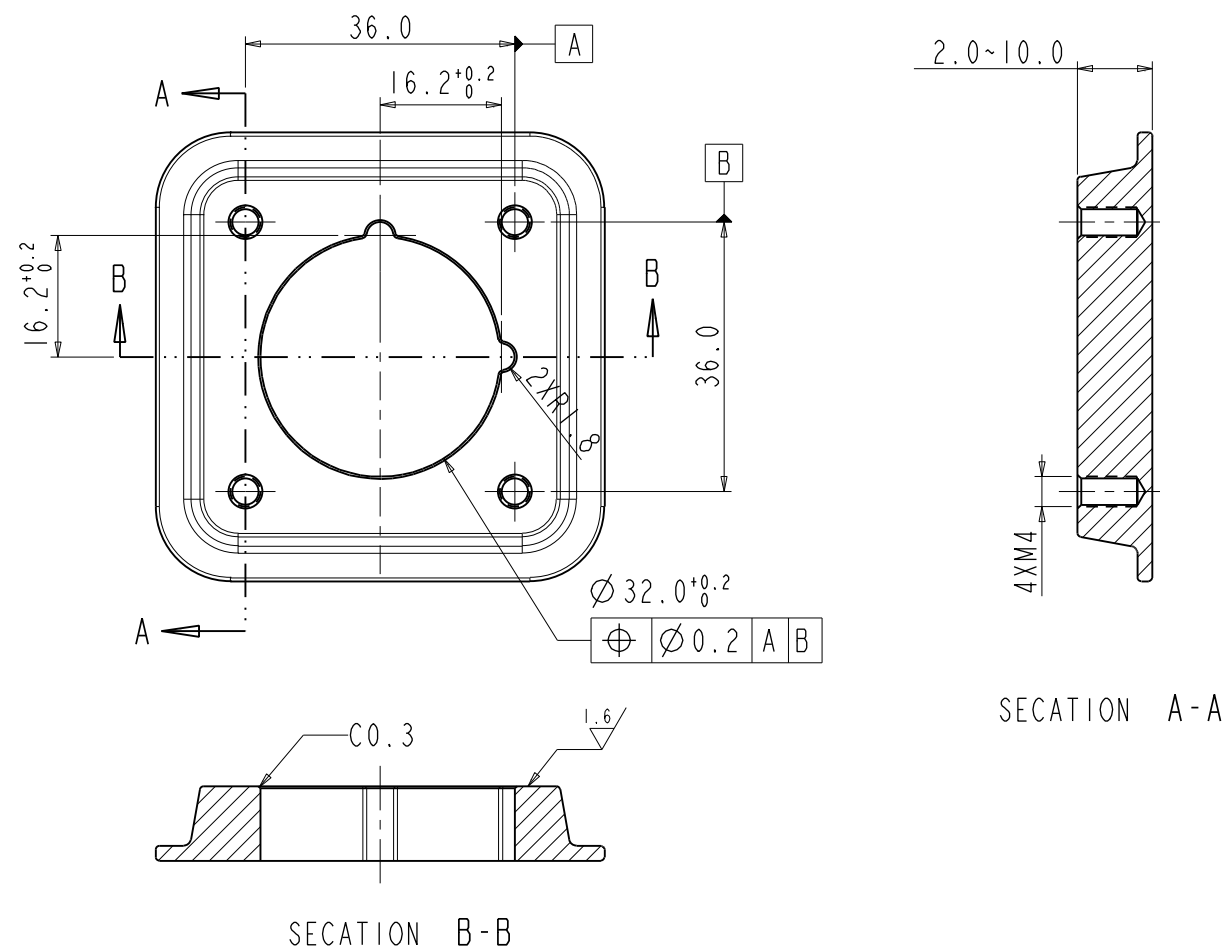


KEY A

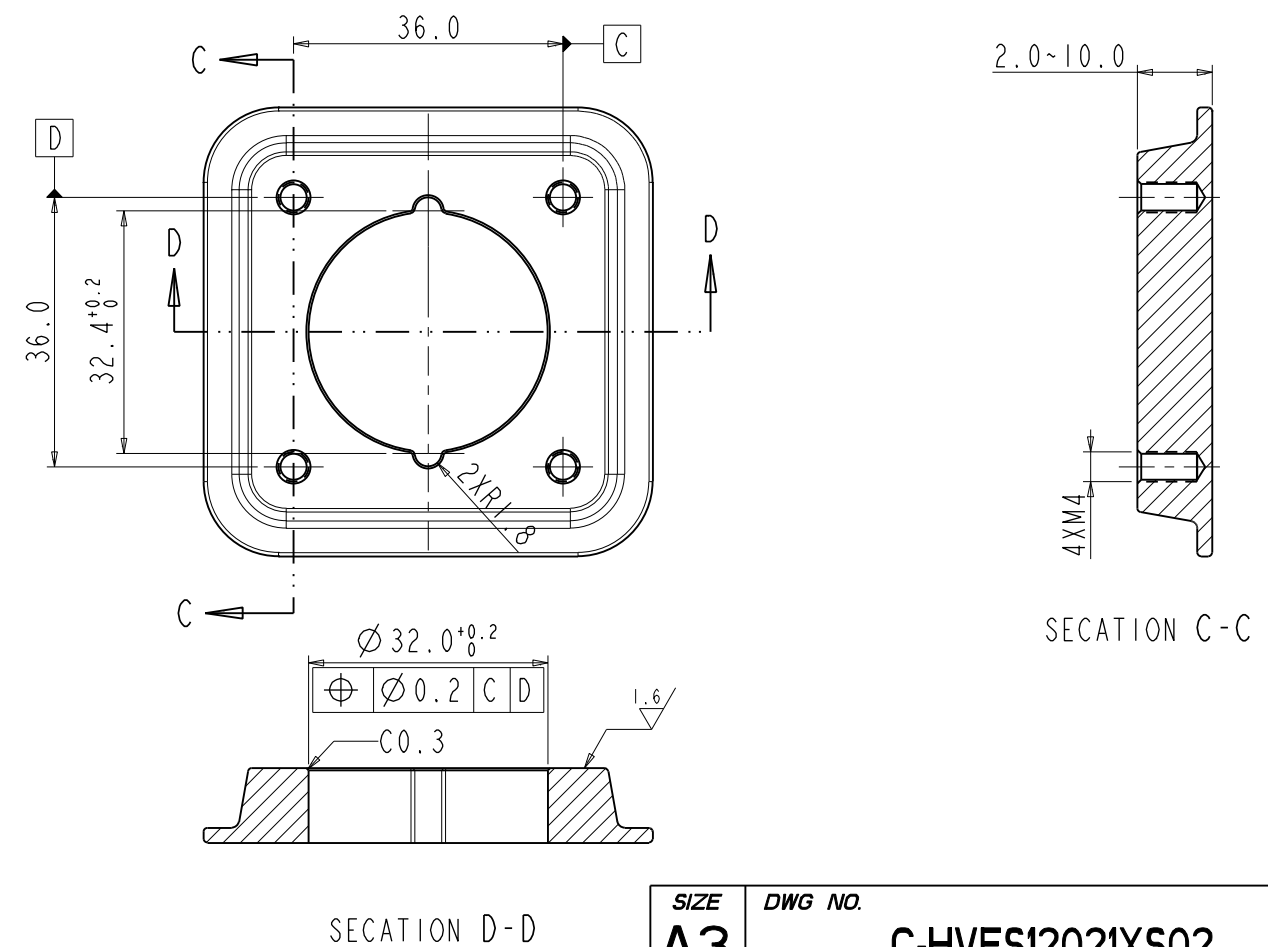


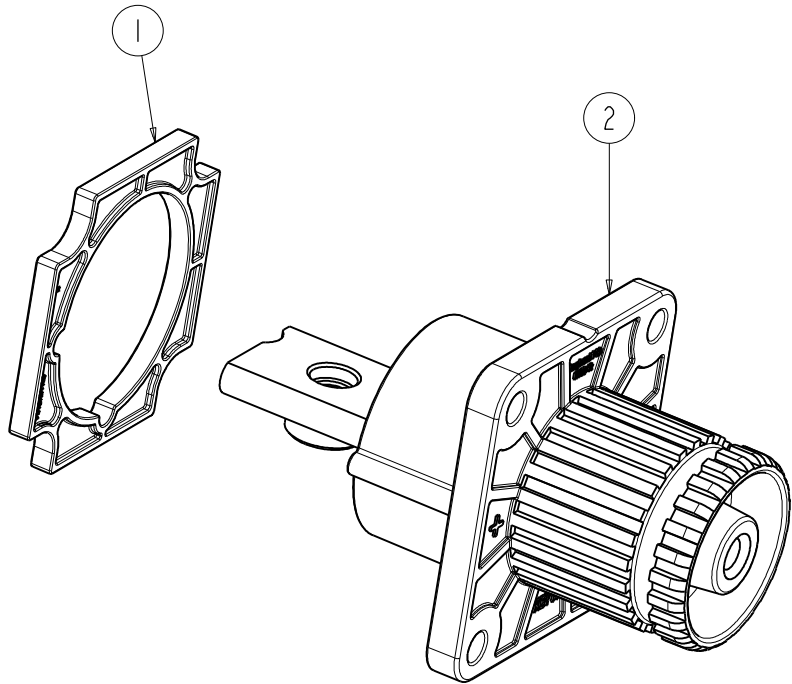
KEY B

KEY A RECOMMENDED MOUNTING PLATE

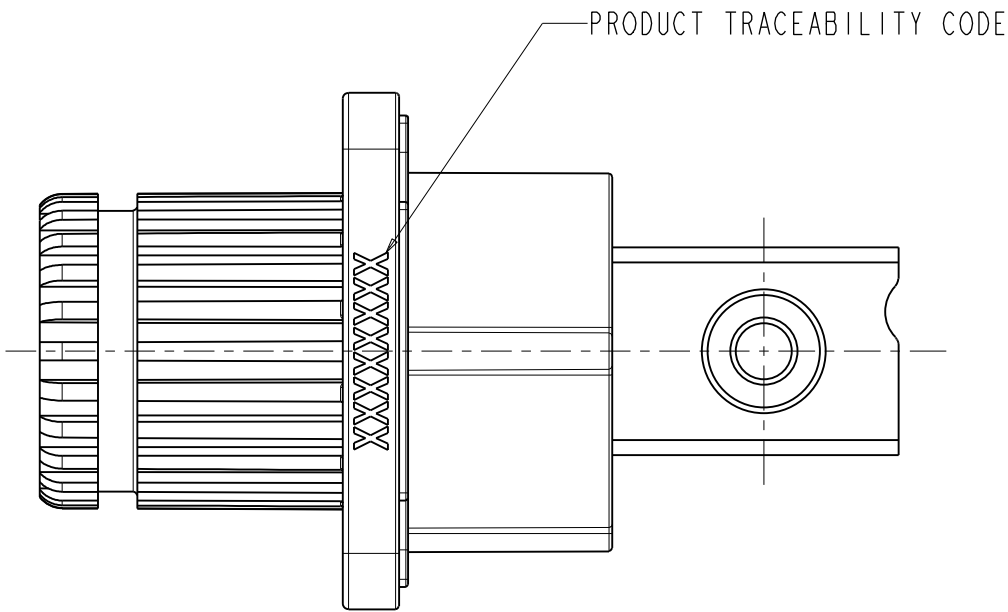


KEY B RECOMMENDED MOUNTING PLATE





2	P02B00078002	RECEPTACLE COMPONENT KEY B	1
	P02B00078001	RECEPTACLE COMPONENT KEY A	1
1	P01BR01186	RECEPTACLE SEAL KEY B	1
	P01BR01185	RECEPTACLE SEAL KEY A	1
ITEM	COMPONENT P/N	DESCRIPTION	Q'TY



比例 3:2

C-HVES12021XS02

C-HVES12021XS02

SIZE	DWG NO.	REV
A3	C-HVES12021XS02	1
SCALE: 1:1		SHEET 3 OF 3