

RoHS 2.0+HF

A

B

C

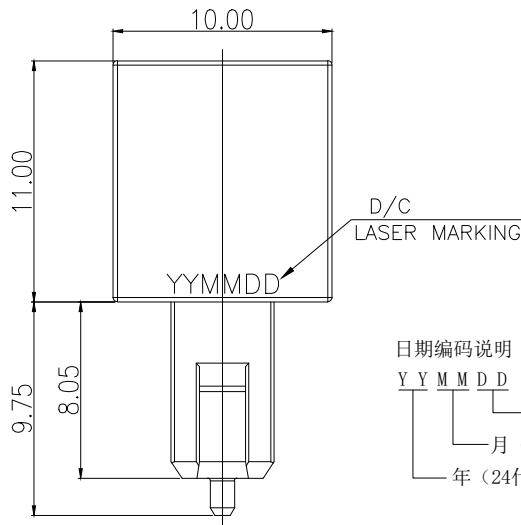
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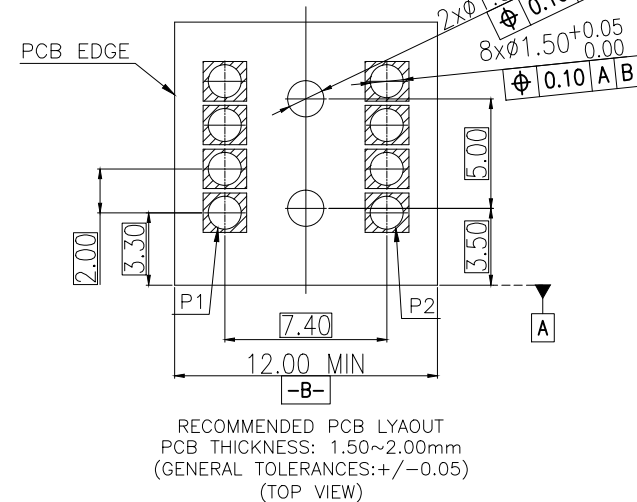
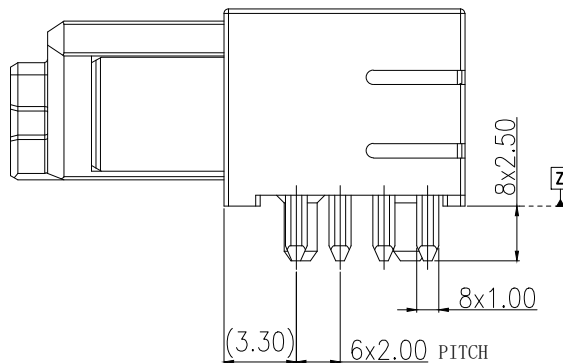
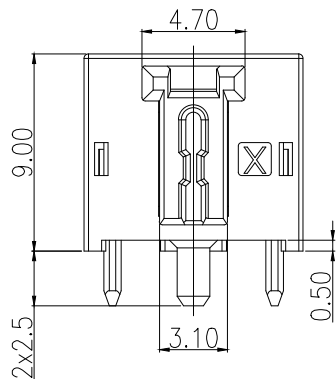
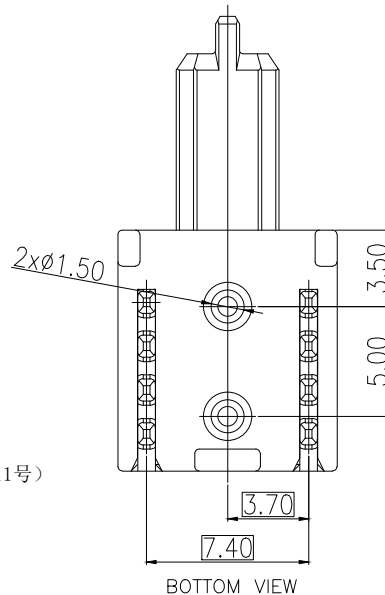
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H



日期编码说明
Y Y M M D D
— 日 (11代表11号)
— 月 (07代表7月)
— 年 (24代表2024年)



RECOMMENDED PCB LAYOUT
PCB THICKNESS: 1.50~2.00mm
(GENERAL TOLERANCES: +/−0.05)
(TOP VIEW)

SPECIFICATIONS:

1.Material And Finish:

- Insulator:High Temperature Thermoplastic UL94 V-0 Black.
- Contact:Copper Alloy.
- Gold(30u" Min) Plated Over Nickel(50u" Min) Plated On Mating Area.
- Matte Tin(80u" Min) Plated Over Nickel(50u" Min) On Solder Area.

2.Electrical Specification:

- Contact Resistance: 15m Ω Max for initial.
- Withstanding Voltage: No Defect Or Breakdown Between Adjacent Contacts.
- Voltage Rating: 54V DC.
- Current Rating: 40A

3.Mechanical Specification:

- Durability: 200 Cycles.

4.Environmental Specification:

- Operating Temperature: −40°C ~ +85°C.

5.The Product Using Material And Processing Must Conform To The "WI-PZ-142"HSF Technical Standard Control Requirements.

6.P/N Order

2:BOARD-IN CONNECTOR
PDUUCT PITCH:
20: 2.0 pitch
PDUUCT TYPE:
01: #1 Type
A:PLUG
9: DIP 90°
2: DOUBLE ROW CONTACT
SINGLE CONTACT NUMBER:
02: 2PIN CONTACT

2 20 01 A 9 -2 02 X-0X R 01-XX
NIL:WITH LOGO
NK:WITHOUT LOGO
SERIES TYPE
PACKING: TYPE&REEL
CONTACT PLATED: OH:30u"
OG:15u"
HSG COLOR: K: NATURAL
A: BLACK

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
AO	FIRST RELEASE	2025.01.02		LINEAR	ANGLES	1:1	Daniel Dong	2025.01.07	22001A9-202X-0XR0X	ENDE05				
A1	UPDATED DESIGN	2025.01.07	UNIT: MM SIZE: A4	0.0±0.25	X° REF±6°	APPROVED	Jackie Tan	2025.01.07	TITLE 40A 2PIN POWER RA PLUG		REV	A1	SHEET	1/1
				0.00±0.15	X° ±3°	DESIGNER	Jackie Tan	2025.01.07						
				0.000±0.08	X° X' ±2°	DRAWN	Jackie Tan	2025.01.07						

1

2

3

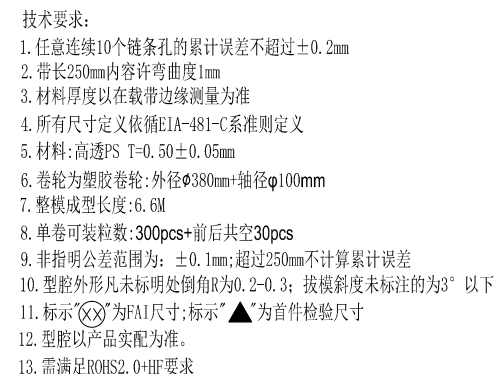
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						一般公差 GENERAL TOLERANCE		绘 图 DR.	谭艳斌	料号 PART NO.	文件编号 NUMBER			
						X.X ±0.15 X.XX ±0.05 X.XXX ±0.02	X° ±2° X.X° ±1°	审 核 CHK.	谭艳斌	YD-22001-2D-02P-03	ENDE10			
X0	2025.01.14	新版发行	谭艳斌	董东平		单位 UNIT		核 准 APPD.	董东平	品名TITLE 40A 2PIN POWER RA PLUG			比例SCALE 1:1	SHEET 1/1
版次REV.	日期 DATE	变 更 内 容 DESCRIPTION	审核CHK.	核准APPD.	mm	 								