

1

2

3

4

A

B

C

D

A

B

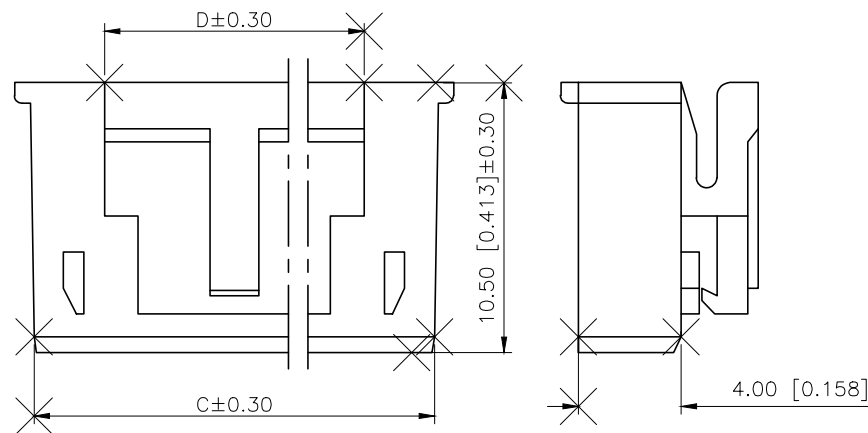
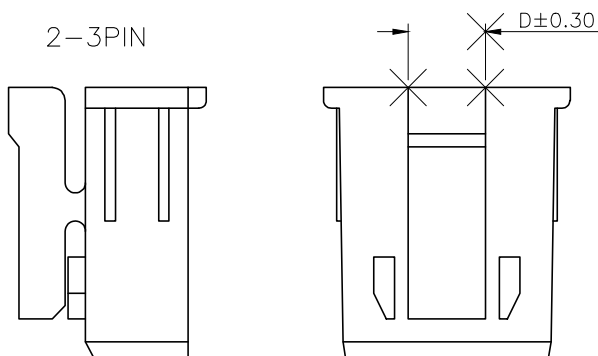
C

D

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.2.12	阿树

6PIN以上

2-3PIN

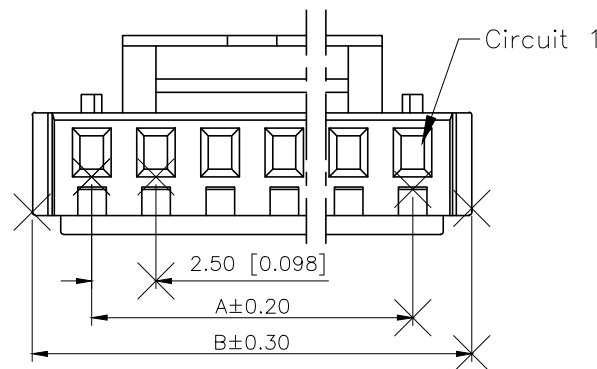
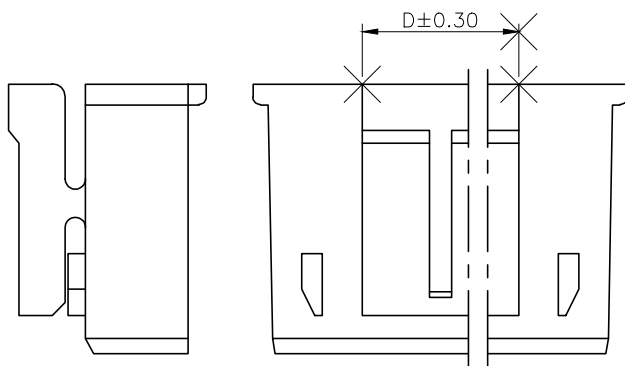


PART NO.:

X2509 H M-05-N0
① ② ③ ④ ⑤

- ①Series No
②Category:H-HSG
③Housing Type:M-Male Housing
④Row No.Pin No:XX-02P~15P
⑤Material:N0-PA66 94V-0

4-5PIN



Specifications:

规格:

Voltage rating:250V AC/DC

额定电压: 250V AC/DC

Current rating:3A AC/DC

额定电流: 3A AC/DC

Withstanding voltage:1000V AC/minute

耐受电压: 1000V AC/分钟

Temperature range:-40℃~+125℃

温度范围: -40℃~+125℃

Insulation resistance:1000MΩ min

绝缘电阻: 1000MΩ min

Contact resistance:20mΩ max

接触电阻: 20mΩ max

poles	Dimensions(mm)				poles	Dimensions(mm)			
	A	B	C	D		A	B	C	D
02	2.50	7.00	5.60	3.00	09	20.00	24.50	23.10	13.00
03	5.00	9.50	8.10	3.00	10	22.50	27.00	25.60	14.00
04	7.50	12.00	10.60	5.00	11	25.00	29.50	28.10	15.00
05	10.00	14.50	13.10	6.00	12	27.50	32.00	30.60	16.00
06	12.50	17.00	15.60	10.00	13	30.00	34.50	33.10	17.00
07	15.00	19.50	18.10	11.00	14	32.50	37.00	35.60	18.00
08	17.50	22.00	20.60	12.00	15	35.00	39.50	38.10	19.00
X2509HM-05-N0		PA66 UL 94V-0			X2509TF		X2509W		
PART NO		Material			Suitable XKB Terminal		Suitable XKB Wafer		

AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERANCES	



DESIGN
CHECKED
APPROVED

阿树

VIEW:
UNIT: mm/in
SIZE: A4

MODEL TYPE:
2.50mm Crimp Style Connector
PART NO.:
X2509HM-05-N0
DWG NO.:
X-X2509HM-05-N0

SCALE	PAGE	REVISION
N/A	1/1	A1

1

2

3

4