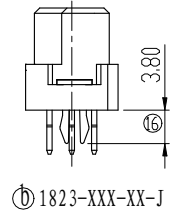
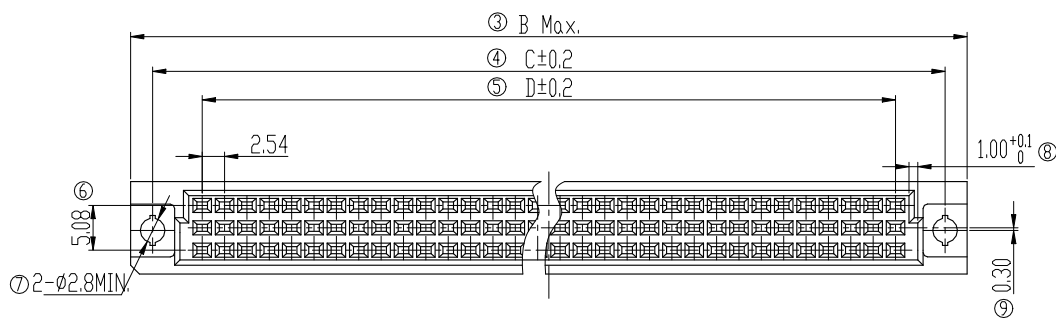


THREE ROWS TAIL TWO ROWS TAIL

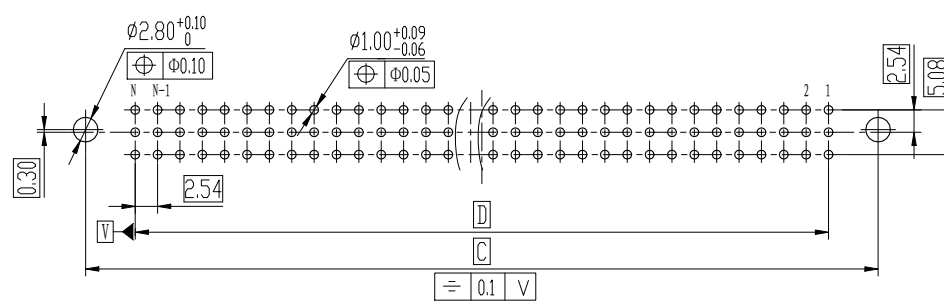


- Performance characteristics:
1. Main body part material
Insulator: See part number rule
Contact terminal: Phosphor bronze, 1.27μm Ni under plated, outer plating see part number rule
 2. Electrical requirements:
Current rating: 1.5 A (at 20°C)
Contact resistance: < 20 mΩ
Insulation resistance: ≥ 10⁶ MΩ
Withstanding voltage: 1000 Vr. m. s, 1mA, 60s
 3. Mechanical requirements
Insertion force: ≤ 0.94 N/pin
Extraction force: ≥ 0.15 N/pin
 4. Environment specification
Working temperature: -55°C ~ +125°C
Humidity: < 93% at 40°C
Resistance to soldering heat: THT 245°C ± 5°C, 10s
 5. Applicable standard: DIN41612
 6. Packing & storing
Method of packing: Box, inner box, outer box
Storing condition: Temperature of -10°C ~ +40°C below 80% relative humidity
 7. Style of installation: Solder pcb installation (THT)
 8. To prevent the pollution of the environment product info
RoHS agreement: In line with the European Union RoHS.



Spec table:

P/N	A	B	C	D
1823-216-XX-X	44.40	54.40	50.00	38.10
1823-316-XX-X	44.40	54.40	50.00	38.10
1823-232-XX-X	85.00	95.00	90.00	78.74
1823-332-XX-X	85.00	95.00	90.00	78.74



Recommended PCB layout

1823-XXX-X-X-X

Series code	terminal array	Tail long code	Plating code	Insulator material & color
	Code Definition	Code Definition	Code Definition	Code Definition
	216 2*16	1 3.75	5 Gold flash	A PBT grey UL94V-0
	316 3*16	3 5.00	6 Au0.25 μm	J PBT GREY UL94V-0 WITH 3.80mm CLIP
	232 2*32	4 9.60	7 Au0.38 μm	X Customized
	332 3*32	5 14.70	8 Au0.76 μm	
			E Au0.38 μm or PdNi 0.38 μm+Gold flash	
			F Au0.76 μm or PdNi 0.76 μm+Gold flash	
			G Au0.38 μm or PdNi 0.38 μm+Au 2u''Min.	
			X Customized	

Unless otherwise specified tolerance:

X.	± 0.50	X.°	± 3°
.X	± 0.38	.X°	± 2°
.XX	± 0.25		

③	3	519212	JianBoLuo	2021.6.10
④	2	38800	刘胜军	2015.7.9
⑤	2	SN-00002149	Lawrence	2012.8.15
Mark	NO.	File NO.	Signature	Date
DRAW	J.A 2009.05.09			
CHK	Lawrence 2021.08.31			
MAN				
STD	Juanli lai 2021.09.02			
APP	Alan 2021.09.02			

DIN 41612 CONN. C type female solder tail

1823-XXX-XX-X

SL0.1823.100			
Projection	Rev.	Weight	Scale
	A3		
All Dimensions in mm		Sheet 1 of 1	
SHENZHEN SHINNING ELECTRONIC CO.,LTD.			