

NOTES:

- 1 THIS CONNECTOR IS DESIGNED TO MEET THE APPLICABLE PERFORMANCE REQUIREMENTS OF IEC 61076-4-101 AND BELLCORE GR-1217-CORE
- 2 RoHS DIRECTIVE COMPLIANCE, MAX SOLDERING TEMPERATURE 225°C.

MATERIALS

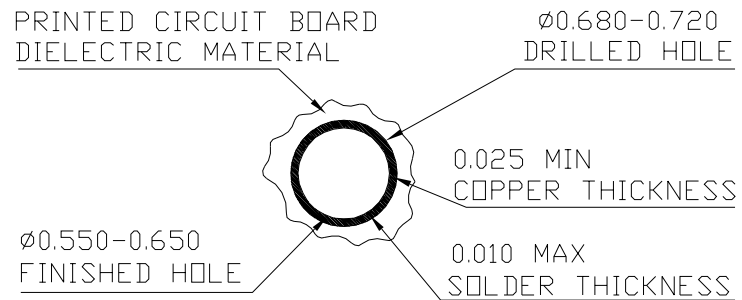
- ① Insulators — Thermoplastic Polyester, glass filled  
Rated UL 94V-0, Color: Gray
- ② Pin contacts — Copper Alloy  
Finish: Mating Zone=Gold  
Compliant Zone=Matte Tin  
Performance Class 2= 250 cycles

PERFORMANCE CHARACTERISTICS

- Insulation resistance — 10,000 megohms minimum
- Dielectric withstanding voltage (at sea level) — 750 Vrms
- Current rating — 1 amp @70°C, fully loaded  
1.5 amp @20°C, fully loaded
- Operating temperature range — -55°C to +125°C
- Contact resistance — 20 milliohms maximum

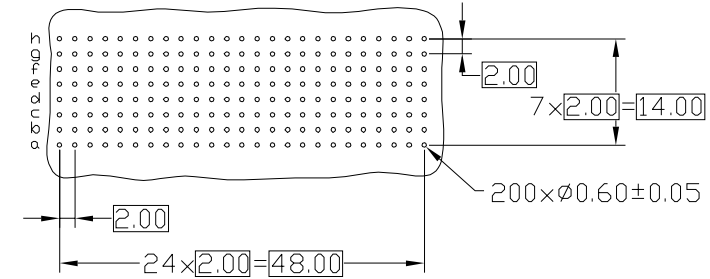
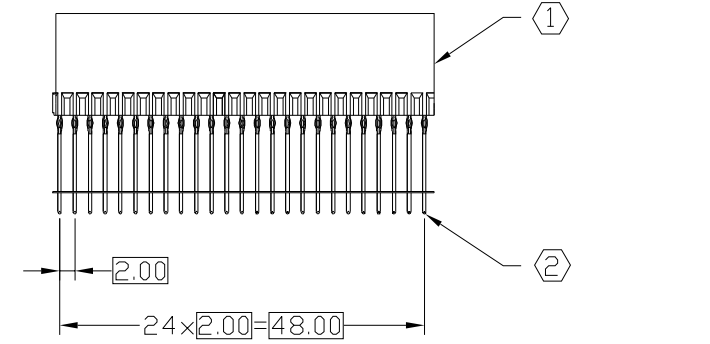
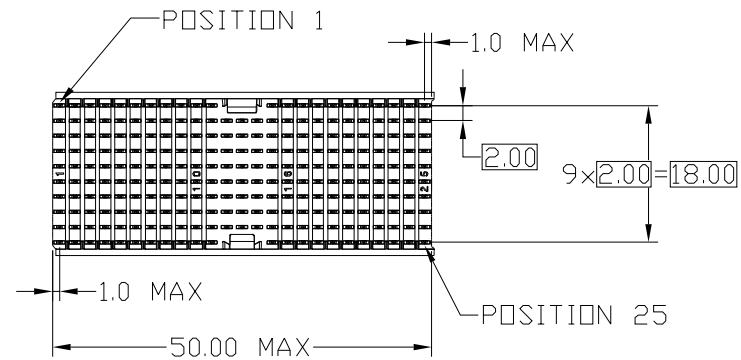
COMPLIANT CONTACT

- Max.Insertion Force (per contact) — 22.5 lbs./100 N
- Min. Retention force (per contact) — 4.5 lbs./20 N



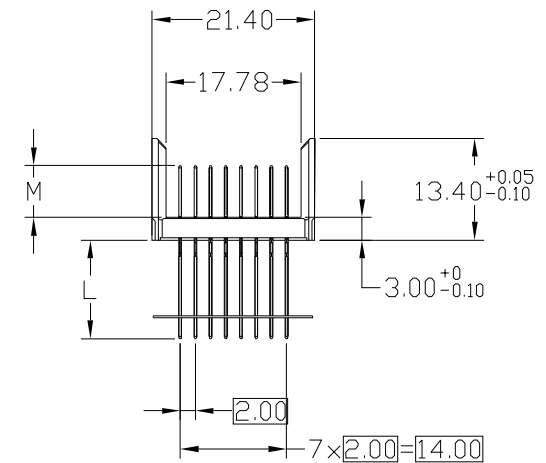
	POS.1	POS.5	POS.10	POS.15	POS.20	POS.25										
ROW i	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
ROW h	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ROW g	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ROW f	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ROW e	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ROW d	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ROW c	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ROW b	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ROW a	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
ROW z	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1

SELECTIVE LOADING PATTERN



RECOMMENDED PC BOARD REQUIREMENTS (COMPONENT SIDE BOARD SHOWN)

PIN CODE	MATING LENGTH OF CONTACTS	CONTACT TAIL LENGTHS
	M	L
A	.268/6.80	.512/13.00



DESIGN UNITS ■ mm □ INCH	NAME: 2MM HEADER DE TYPE		<b>nexttron</b> NEXTRONICS ENGINEERING CORP.	
GENERAL TOLERANCES: (UNLESS SPECIFIED)	PART NO: NX5DEAJ01C50RA		TITLE: CUSTOMER DWG. C	
	mm	INCH	DWG. NO: 010-0000-886-NX5DEAJ01C50RA	
4 PLACE ±*** ±.***	APPD: 楊海文 5/16'11	CHKD: 楊海文 5/16'11		
3 PLACE ±0.08 ±.***	DRAWN: 廖小瓊 5/16'11		SCALE: 1 / 1	SHEET: 1 / 1
2 PLACE ±0.15 ±.***	ANGULAR: X°±*** .X°±***		REV.: A	
1 PLACE ±0.20 ±.***				

A	***	Release	5/16'11	廖小瓊	楊海文
REV.	ECN. NO.	DESCRIPTION	DATE	DRAWN	APPD