

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

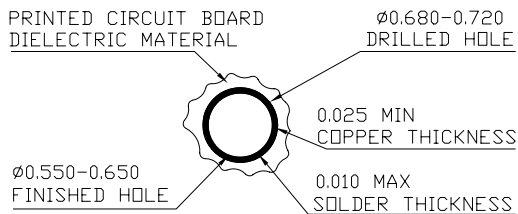
- ① Insulators — Thermoplastic Polyester, glass filled
Rated UL 94V-0, Color: Gray
- ② Pin contacts — Copper Alloy
Finish: Mating Zone=Gold
Compliant Zone=Matte Tin
Performance Class 2= 250 cycles

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

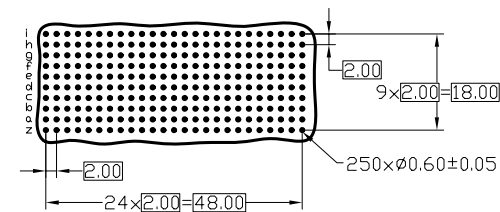
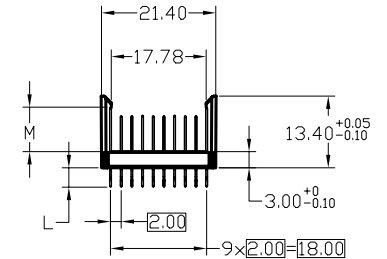
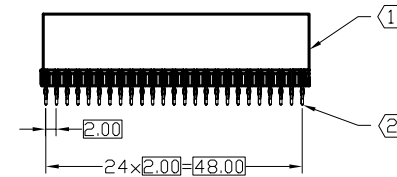
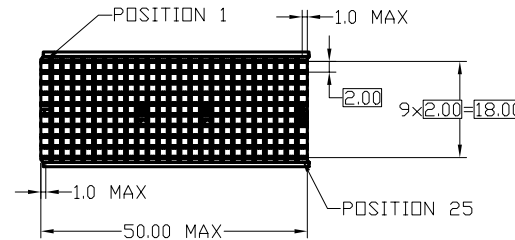
- Max.Insertion Force (per contact) — 22.5 lbs./100 N
- Min. Retention force (per contact) — 4.5 lbs./20 N



	POS.1	POS.5	POS.10	POS.15	POS.20	POS.25
REV 1	6	6	6	6	6	6
REV 7	5	5	5	5	5	5
REV 9	5	5	5	5	5	5
REV 4	5	5	5	5	5	5
REV 8	5	5	5	5	5	5
REV 3	5	5	5	5	5	5
REV 6	5	5	5	5	5	5
REV 2	6	6	6	6	6	6

SELECTIVE LOADING CHART		
PIN CODE	MATING LENGTH OF CONTACTS	CONTACT TAIL LENGTHS
		M
5	.268/6.80	.146/3.70
6	.329/8.35	.146/3.70

SELECTIVE LOADING PATTERN



RECOMMENDED PC BOARD REQUIREMENTS
(COMPONENT SIDE BOARD SHOWN)

DESIGN UNITS <input type="checkbox"/> mm <input type="checkbox"/> INCH	NAME: 2MM HEADER E TYPE	All connectors	
GENERAL TOLERANCES: (UNLESS SPECIFIED)	PART NO: NX5E0AJ01A51PA	TITLE: CUSTOMER DWG.	C
	APPD: 蘇侯安 4/28'05	DWG. NO: C-NX5E0AJ01A51PA	
4 PLACE ±.*** ±.***	CHKD: 楊海文 4/28'05	SCALE: 1/1	SHEET: 1/1
3 PLACE ±0.08 ±.***	DRAWN: 畢杏子 4/26'05	REV.:	A
2 PLACE ±0.15 ±.***			
1 PLACE ±0.20 ±.***			
ANGULAR: X°±.*** X°±.***			

REV.	ECN. NO.	DESCRIPTION	DATE	DRAWN	APPD
A	***	新版發行	4/28'05	Seawen Alan	Alan APPD