

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

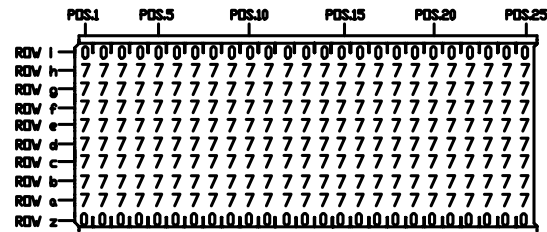
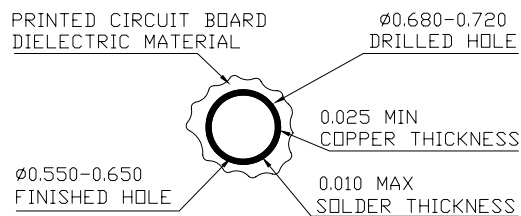
- ① Insulators — Thermoplastic Polyester, glass filled
Rated UL 94V-0, Color: Gray
- ② Pin contacts — Copper Alloy
Finish: Mating Zone=Gold
Compliant Zone=Matte Tin
Performance Class 2= 250 cycles

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

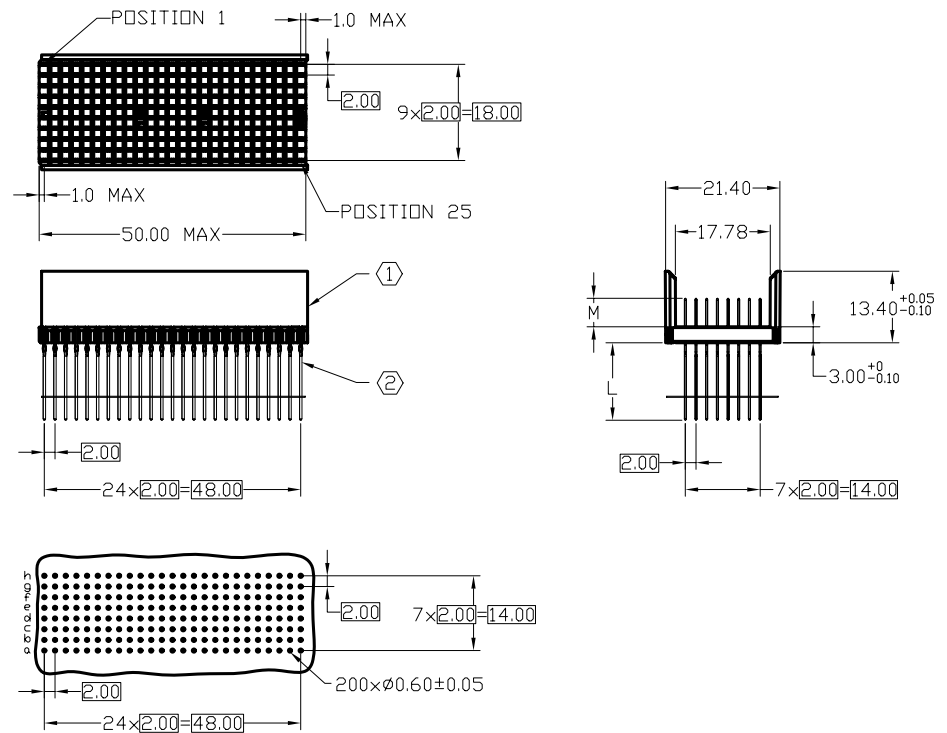
COMPLIANT CONTACT

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



SELECTIVE LOADING CHART		
PIN CODE	MATING LENGTH OF CONTACTS	CONTACT TAIL LENGTHS
0	M	L
7	.209/5.30	.512/13.00

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: NX5E0AJ01C10RA	TITLE: CUSTOMER DWG.	C
4 PLACE ±.***	±.***	APPD: 蘇侯安 4/28'05	DWG. NO: C-NX5E0AJ01C10RA	
3 PLACE ±0.08	±.***	CHKD: 楊海文 4/28'05	SCALE: 1/1	SHEET: 1/1
2 PLACE ±0.15	±.***	DRAWN: 畢杏子 4/26'05	REV.: A	
1 PLACE ±0.20	±.***			
ANGULAR: X°±.***	.X°±.***			

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