## 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

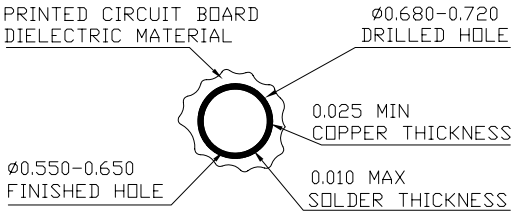
| | | |
|---|---|---|
| ① Insulators | Thermoplastic Polyester, glass filled<br>Rated UL 94V-0, Color: Gray |
| ② Pin contacts | Copper Alloy<br>Finish: Mating Zone=Gold<br>Compliant Zone=Matte Tin<br>Performance Class 2= 250 cycles |

## PERFORMANCE CHARACTERISTICS

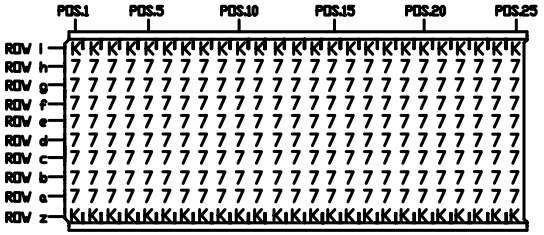
| | |
|---|---|
| Insulation resistance | 10,000 megohms minimum |
| Dielectric withstanding voltage (at sea level) | 750 Vrms |
| Current rating | 1 amp @70°C, fully loaded<br>1.5 amp @20°C, fully loaded |
| Operating temperature range | -55°C to +125°C |
| Contact resistance | 20 milliohms maximum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

## COMPLIANT CONTACT

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

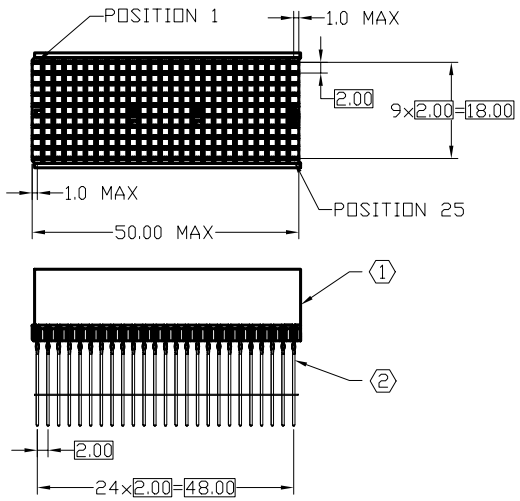


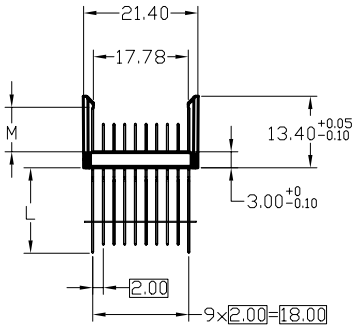

THRU HOLE PLATING
SCALE 20:1

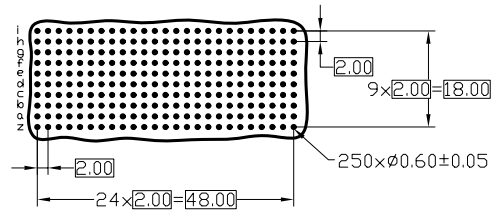



SELECTIVE LOADING PATTERN

| SELECTIVE LOADING CHART | | |
|---|---|---|
| PIN CODE | MATING LENGTH OF CONTACTS | CONTACT TAIL LENGTHS |
| | M | L |
| 7 | .209/5.30 | .512/13.00 |
| K | .327/8.30 | .630/16.00 |




RECOMMENDED PC BOARD REQUIREMENTS
(COMPONENT SIDE BOARD SHOWN)

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

| DESIGN UNITS | | |
|---|---|---|
| ☐ mm ☐ INCH | | |
| GENERAL TOLERANCES: (UNLESS SPECIFIED) | | |
| | mm | INCH |
| 4 PLACE | ±** | ±.** |
| 3 PLACE | ±0.08 | ±.** |
| 2 PLACE | ±0.15 | ±.** |
| 1 PLACE | ±0.20 | ±.** |
| ANGULAR: | X°±** | .X°±** |

NAME: 2MM HEADER E TYPE
PART NO: NX5E0AJ01C14RA
APPD: 蘇侯安 4/28'05
CHKD: 楊海文 4/28'05
DRAWN: 畢杏子 4/26'05

All Connectors
TITLE: CUSTOMER DWG. C
DWG. NO: C-NX5E0AJ01C14RA
SCALE: 1/1 SHEET: 1/1 REV.: A

A1版
NPF-RD40040