

1 THIS CONNECTOR IS DESIGNED TO MEET THE APPLICABLE PERFORMANCE
REQUIREMENTS OF IEC 61076-4-101 AND BELLCORE GR-1217-CORE

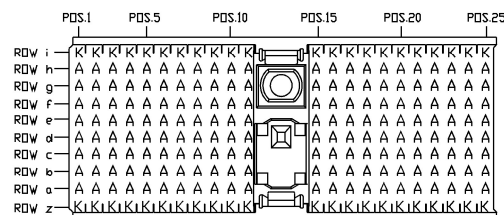
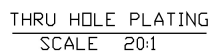
2 RoHS DIRECTIVE COMPLIANCE,
MAX SOLDERING TEMPERATURE 225°C.

① Insulators ————— Thermoplastic Polyester, glass filled
Rated UL 94V-0, Color: Gray

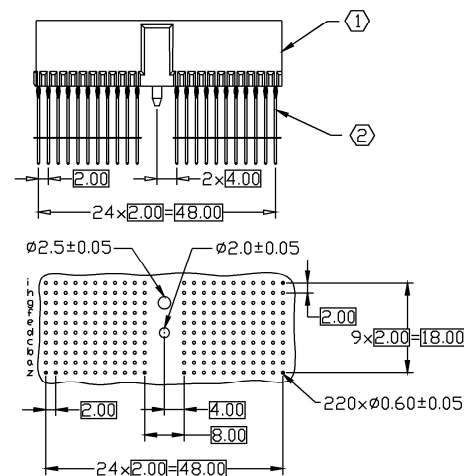
② Pin contacts ————— Copper Alloy
Finish: Mating Zone=Gold
Compliant Zone=Matte Tin
Performance Class 2= 250 cycles

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

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



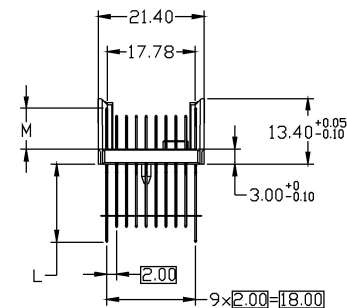
Technical drawing of a 100-pin connector. The drawing shows a top-down view of a rectangular connector with a grid of pins. Key dimensions are labeled: "POSITION 1" at the top left, "POSITION 25" at the bottom right, a total width of "50.00 MAX", a total height of "18.00" (calculated as 9 x 2.00), and individual pin dimensions of "1.0 MAX" and "2.00".



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
K	.327/8.30	.630/16.00



DESIGN UNITS ■ mm □ INCH			NAME: 2MM HEADER D TYPE		 NEXTRONICS ENGINEERING CORP.		
GENERAL TOLERANCES: (UNLESS SPECIFIED)			PART NO: NX5D0AJ0IC54RA		TITLE: CUSTOMER DWG.		C
	mm	INCH					
4 PLACE	±.***	±.***	APPD: 楊海文 5/16'11		DWG. NO: 010-0000-885-NX5D0AJ0IC54RA		
3 PLACE	±0.08	±.***	CHKD: 楊海文 5/16'11		 SCALE: 1 / 1 SHEET: 1 / 1 REV.		
2 PLACE	±0.15	±.***					
1 PLACE	±0.20	±.***	DRAWN: 廖小瓊 5/16'11				
ANGULAR:	X'±***	.X'±***					