

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.
- 3 CONNECTORS ARE END STACKABLE ON A 2.0 GRID.
- ④ FOR COMPLIANT CONTACT PLATED THRU HOLE REQUIREMENTS SEE THRU HOLE PLATING VIEW. MINIMUM P.C.BOARD THICKNESS 1.57 NOMINAL.
- ⑤ DIMENSIONS APPLY AFTER INSTALLATION IN P.C.BOARD.
- 6 CONNECTOR WITH MIXED PIN LENGTH.SELECTIVE LOADING PER PICMG™(COMPUTER TELEPHONY SPECIFICATIONS) 2.5 R1.0 APRIL 3, 1998 SEE SELECTIVE LOADING CHART AND LOADING PATTERN.
- ⑦ 0.2 MAX. GAP PERMISSIBLE TO P.C.BOARD

SPECIFICATIONS

MATERIALS

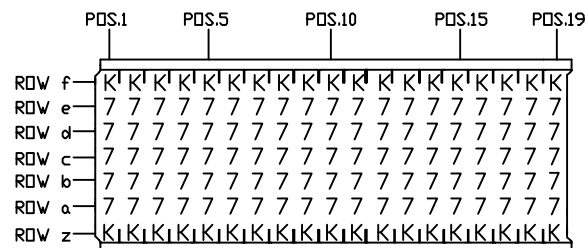
- ① Insulators: Thermoplastic Polyester, glass filled
Rated UL 94V-0, Color: Gray
- ② Pin contacts:
Copper Alloy
Finish: Mating Zone=Gold
Compliant Zone=Matte Tin
Performance Class 2= 250 cycles

PERFORMANCE CHARACTERISTICS ①

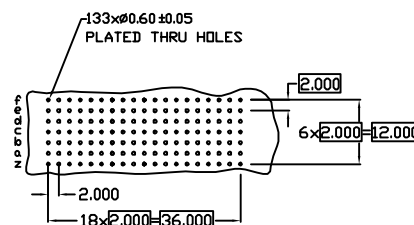
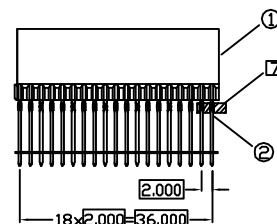
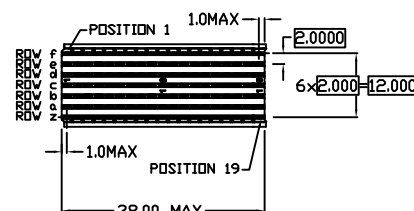
Insulation resistance: 10000 megohms minimum
Dielectric withstanding voltage(at sea level): 750 Vrms
Current rating:
1 amp @70°C, fully loaded
1.5 amp @20°C, fully loaded
Operating temperature range: -55°C to +125°C
Contact resistance: 20 milliohms maximum

COMPLIANT CONTACT

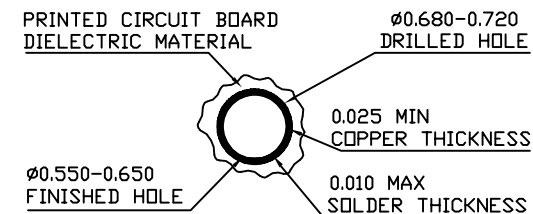
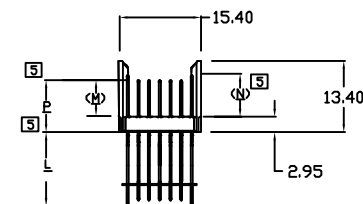
Max.Insertion Force(per contact): 22.5 lbs./100 N
Min. Retention force(per contact): 4.5 lbs./20 N



SELECTIVE LOADING PATTERN

RECOMMENDED PC BOARD REQUIREMENTS
(COMPONENT SIDE BOARD SHOWN)

SELECTIVE LOADING CHART				
PIN CODE	MATING LENGTH OF CONTACTS			CONTACT TAIL LENGTHS
	SIGNAL	ALL	GROUND	
	M	P	N	
7	.209/5.30	.323/8.20	N/A	.512/13.00
K	.327/8.30	.441/11.20	.327/8.30	.630/16.00

THRU HOLE PLATING
SCALE 10:1

DESIGN UNITS ■ mm □ INCH			NAME: 2MM HEADER B TYPE		 NEXTRONICS ENGINEERING CORP.							
GENERAL TOLERANCES: (UNLESS SPECIFIED)			PART NO: NX5B0BC95X04CA		TITLE: CUSTOMER DWG							
4 PLACE	± 0.05	±. **	APPD: 楊海文 8/23'10		DWG. NO: 010-0000-723-NX5B0BC95X04C							
3 PLACE	± 0.10	±. **	CHKD: 廖小瓊 8/23'10		 <table><tr><td>SCALE:</td><td>SHEET:</td><td>REV:</td></tr><tr><td>1 / 1</td><td>1 / 1</td><td>A</td></tr></table>		SCALE:	SHEET:	REV:	1 / 1	1 / 1	A
SCALE:	SHEET:	REV:										
1 / 1	1 / 1	A										
2 PLACE	± 0.20	±. **	DRAWN: 何潔賢 8/23'10									
1 PLACE	± 0.30	±. **										
ANGULAR:	X° ± **	X° ± **										

A	**	Release	8/23'10	何潔賢	楊海文
REV.	ECN. NO.	DESCRIPTION	DATE	DRAWN	APPD