

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

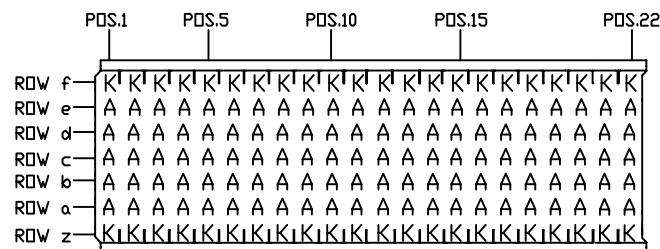
- ① Insulators: Thermoplastic Polyester, glass filled
Rated UL 94V-0, Color: Gray
- ② Pin contacts:
Copper Alloy
Finish: Mating Zone=Gold
Compliant Zone=Matte Tin
Performance Class 2= 250 cycles

PERFORMANCE CHARACTERISTICS ①

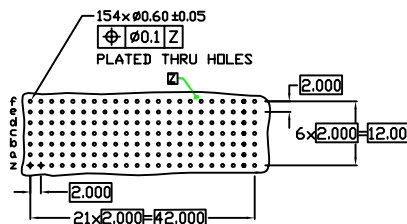
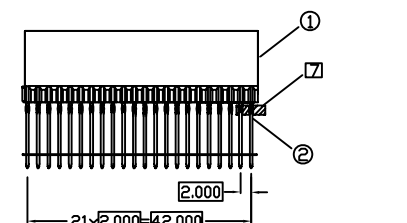
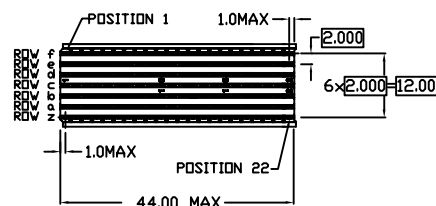
- Insulation resistance: 10000 megohms minimum
- Dielectric withstanding voltage(at sea level): 750 Vrms
- Current rating:
1 amp @70°C, fully loaded
1.5 amp @20°C, fully loaded
- Operating temperature range: -55°C to +125°C
- Contact resistance: 20 milliohms maximum

COMPLIANT CONTACT

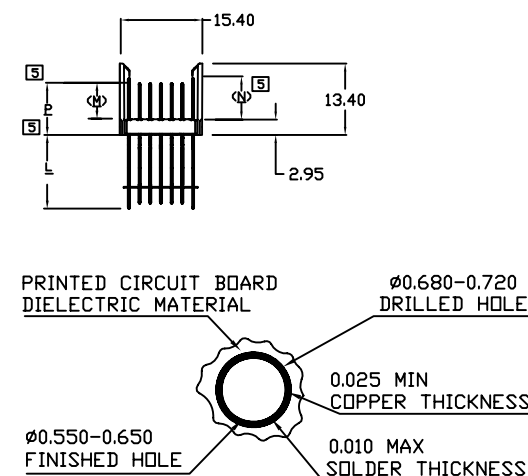
- Max.Insertion Force(per contact): 22.5 lbs./100 N
- Min. Retention force(per contact): 4.5 lbs./20 N



SELECTIVE LOADING PATTERN



PIN CODE	SELECTIVE LOADING CHART			
	MATING LENGTH OF CONTACTS			CONTACT TAIL LENGTHS
	SIGNAL	ALL	GROUND	
A	M	P	N	L
A	.268/6.80	.382/9.70	N/A	.512/13.00
K	.327/8.30	.441/11.20	.327/8.30	.630/16.00

RECOMMENDED PC BOARD REQUIREMENTS
(COMPONENT SIDE BOARD SHOWN)THRU HOLE PLATING
SCALE 10:1

DESIGN UNITS ■ mm □ INCH		NAME: 2MM HEADER B TYPE	NEXTRON® NEXTRONICS ENGINEERING CORP.	
GENERAL TOLERANCES: (UNLESS SPECIFIED)		PART NO: NX5B0BD19X04CA	TITLE: CUSTOMER DWG	C
4 PLACE	±0.05 ±. **	APPD: 楊海文 8/23'10	DWG. NO: 010-0000-722-NX5B0BD19X04CA	
3 PLACE	±0.10 ±. **	CHKD: 廖小瓊 8/23'10	SCALE: 1/1	SHEET: 1/1
2 PLACE	±0.20 ±. **	DRAWN: 何潔賢 8/23'10	REV.: A	
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