

NOTES:

- THIS CONNECTOR IS DESIGNED TO MEET THE APPLICABLE PERFORMANCE REQUIREMENTS OF IEC 61076-4-101 AND BELLCORE GR-1217-CORE
- RoHS DIRECTIVE COMPLIANCE, MAX SOLDERING TEMPERATURE 225°C.
- CONNECTORS ARE END STACKABLE ON A 2.0 GRID.
- FOR COMPLIANT CONTACT PLATED THRU HOLE REQUIREMENTS SEE THRU HOLE PLATING VIEW. MINIMUM P.C.BOARD THICKNESS 1.57 NOMINAL.
- DIMENSIONS APPLY AFTER INSTALLATION IN P.C.BOARD.
- 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.
- 0.2 MAX. GAP PERMISSIBLE TO P.C.BOARD

SPECIFICATIONS

MATERIALS

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

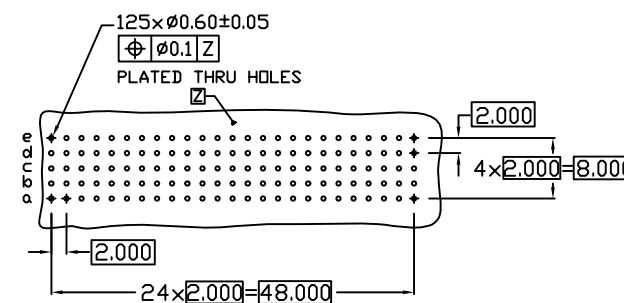
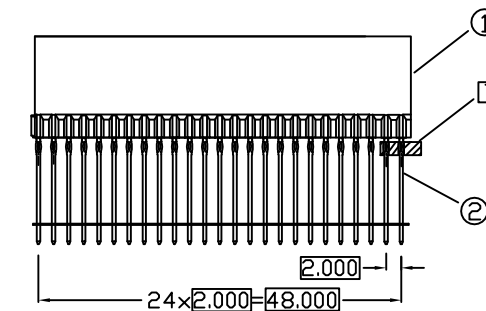
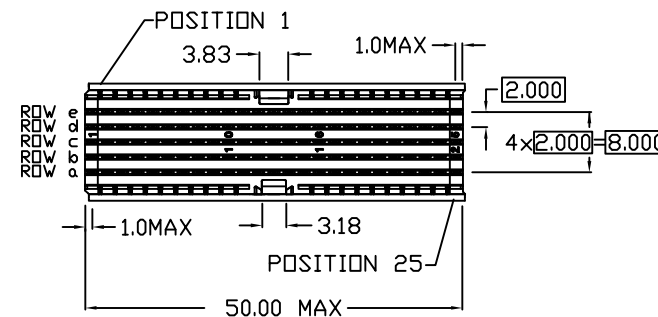
COMPLIANT CONTACT

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

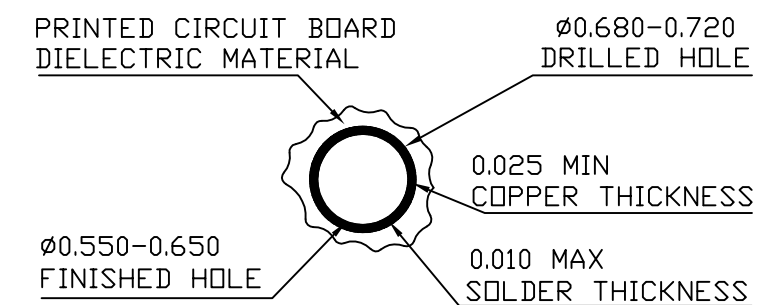
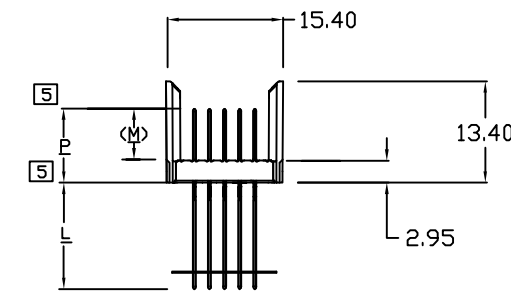
	POS.1	POS.5	POS.10	POS.15	POS.20	POS.25
ROW f	0	1	0	1	0	1
ROW e	7	7	7	7	7	7
ROW d	7	7	7	7	7	7
ROW c	7	7	7	7	7	7
ROW b	7	7	7	7	7	7
ROW a	7	7	7	7	7	7
ROW z	0	1	0	1	0	1

SELECTIVE LOADING CHART				
PIN CODE	MATING LENGTH OF CONTACTS			CONTACT TAIL LENGTHS
	SIGNAL	ALL	GROUND	
0	N/A	N/A	N/A	N/A
7	.209/5.30	.323/8.20	N/A	.512/13.00

SELECTIVE LOADING PATTERN



RECOMMENDED PC BOARD REQUIREMENTS (COMPONENT SIDE BOARD SHOWN)



THRU HOLE PLATING SCALE 10:1

DESIGN UNITS		NAME:		NEXTRON®	
■ mm □ INCH		2MM HEADER AB TYPE		NEXTRONICS ENGINEERING CORP.	
GENERAL TOLERANCES: (UNLESS SPECIFIED)		PART NO:		TITLE:	
		NX5ABAE01C10CA		CUSTOMER DWG	
		APPD: 楊海文 8/23'10		DWG. NO:	
		CHKD: 廖小瓊 8/23'10		010-0000-714-NX5ABAE01C10CA	
		DRAWN: 何潔賢 8/23'10		SCALE: 1 / 1	
				SHEET: 1 / 1	
				REV.: A	

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