

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

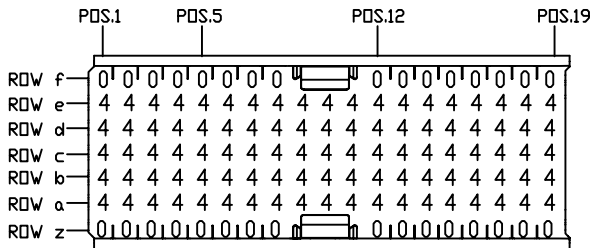
- ① Insulators: Thermoplastic Polyester, glass filled Rated UL 94V-0, Color: Gray
- ② Pin contacts: Copper Alloy  
Finish: Mating Zone=Gold  
Compliant Zone=Tin/Lead(Matte Tin)  
Performance Class 2= 250 cycles

PERFORMANCE CHARACTERISTICS [1]

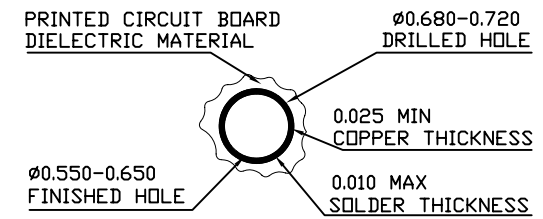
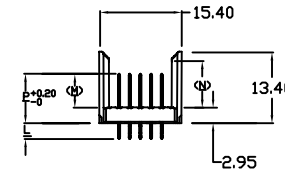
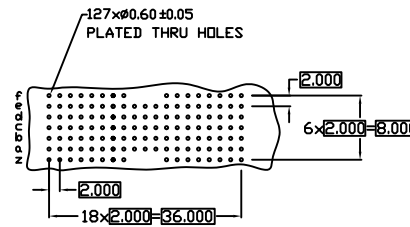
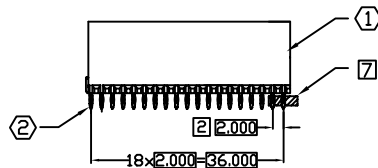
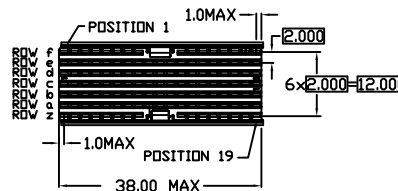
Insulation resistance: 10000 megohms minimum  
 Dielectric withstanding voltage(at sea level): 750 Vrms  
 Current rating: 1 amp @70°C, fully loaded  
 1.5 amp @20°C, fully loaded  
 Operating temperature range: -55°C to +125°C  
 Contact resistance: 20 milliohms maximum

COMPLIANT CONTACT

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



SELECTIVE LOADING CHART				
PIN CODE	MATING LENGTH OF CONTACTS		CONTACT TAIL LENGTHS	
	SIGNAL	ALL	GROUND	L
0	N/A	N/A	N/A	N/A
4	.209/5.30	.323/8.20	N/A	.146/3.70



RECOMMENDED PC BOARD REQUIREMENTS  
(COMPONENT SIDE BOARD SHOWN)

THRU HOLE PLATING  
SCALE 10:1

<b>DESIGN UNITS</b> mm <input type="checkbox"/> INCH <input type="checkbox"/>		NAME: 2MM HEADER AB TYPE		AllConnectors	
<b>GENERAL TOLERANCES: (UNLESS SPECIFIED)</b>		PART NO:		TITLE: CUSTOMER DWG C	
		NX5ABBC78X00AA		DWG. NO: C-NX5ABBC78X00AA	
4 PLACE ± 0.05 ± .**		APPD:		SCALE: SHEET: REV.:	
3 PLACE ± 0.10 ± .**		CHKD:		1 / 1 1 / 1 A	
2 PLACE ± 0.20 ± .**		DRAWN: 何潔賢 5/29'06			
1 PLACE ± 0.30 ± .**					
ANGULAR: X°±.** X°±.**					

REV.	ECN. NO.	DESCRIPTION	DATE	DRAWN	APPD
A	**	Release	05/29'06	Jexan	