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.

MATERIALS

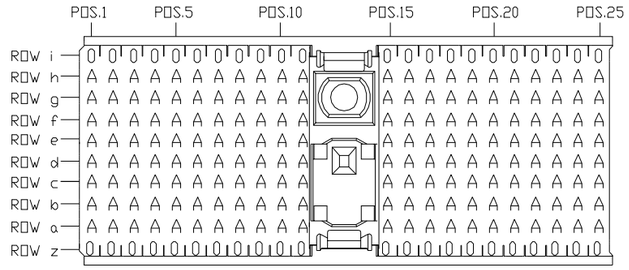
⟨1⟩ Insulators	Thermoplastic Polyester, glass filled Rated UL 94V-0, Color: Gray
⟨2⟩ Pin contacts	Copper Alloy Finish: Mating Zone=Gold Compliant Zone=Matte Tin Performance Class 2= 250 cycles

PERFORMANCE CHARACTERISTICS

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

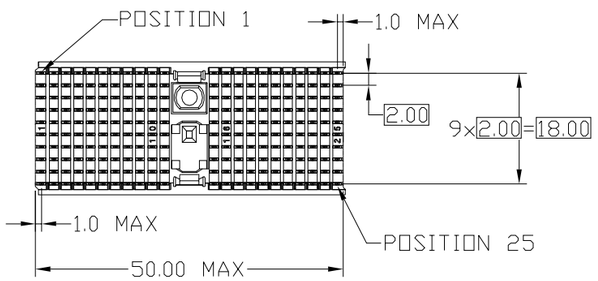
COMPLIANT CONTACT

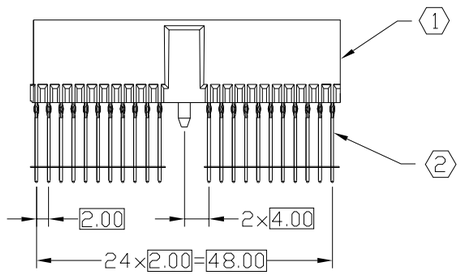
Max.Insertion Force (per contact)	22.5 lbs./100 N
Min. Retention force (per contact)	4.5 lbs./20 N

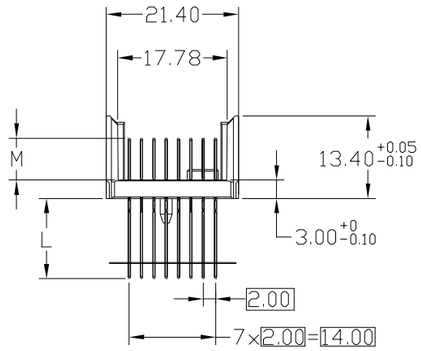


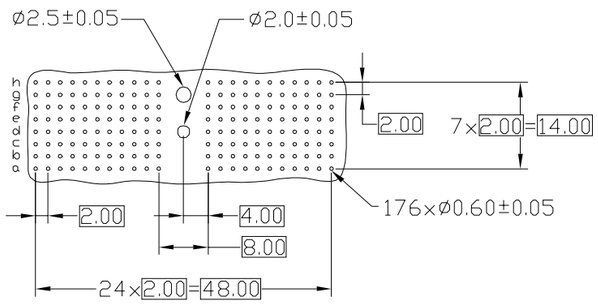
SELECTIVE LOADING CHART		
PIN CODE	MATING LENGTH OF CONTACTS	CONTACT TAIL LENGTHS
	M	L
0	NA	NA
A	.268/6.80	.512/13.00

SELECTIVE LOADING PATTERN

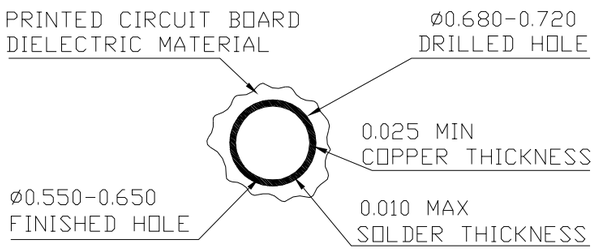








RECOMMENDED PC BOARD REQUIREMENTS
(COMPONENT SIDE BOARD SHOWN)



THRU HOLE PLATING
SCALE 20:1

REV.	ECN. NO.	DESCRIPTION	DATE	DRAWN	APPD
A	***	Release	5/16'11	廖小瓊	楊海文

DESIGN UNITS ■ mm □ INCH		
GENERAL TOLERANCES: (UNLESS SPECIFIED)	mm	INCH
4 PLACE	±**	±.**
3 PLACE	±0.08	±.**
2 PLACE	±0.15	±.**
1 PLACE	±0.20	±.**
ANGULAR:	X°±**	.X°± **

NAME:	2MM HEADER D TYPE
PART NO:	NX5D0AJ01C50RA
APPD:	楊海文 5/16'11
CHKD:	楊海文 5/16'11
DRAWN:	廖小瓊 5/16'11

nextron® NEXTRONICS ENGINEERING CORP.

TITLE:	CUSTOMER DWG.	C
DWG. NO:	010-0000-885-NX5D0AJ01C50RA	

SCALE:	SHEET:	REV.:
1 / 1	1 / 1	A

A1版

NPF-RD40040