

# Customer Information Sheet

DRAWING No.: M22-636XXX SHEET 2 OF 2

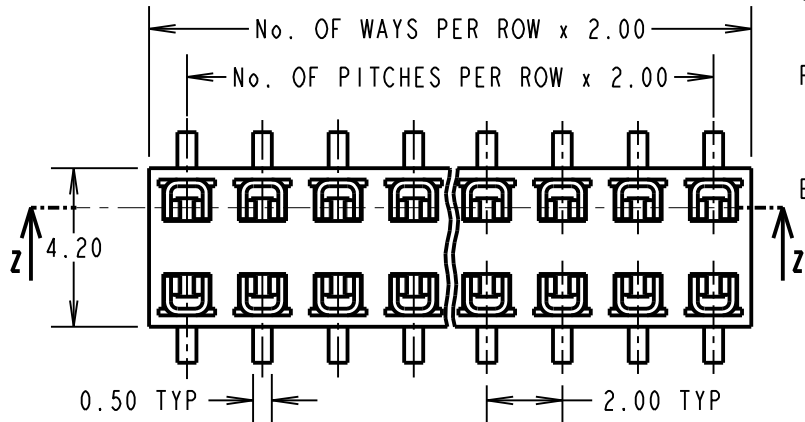
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



**SPECIFICATION:**

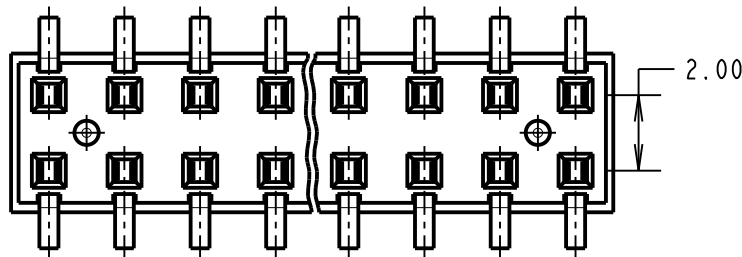
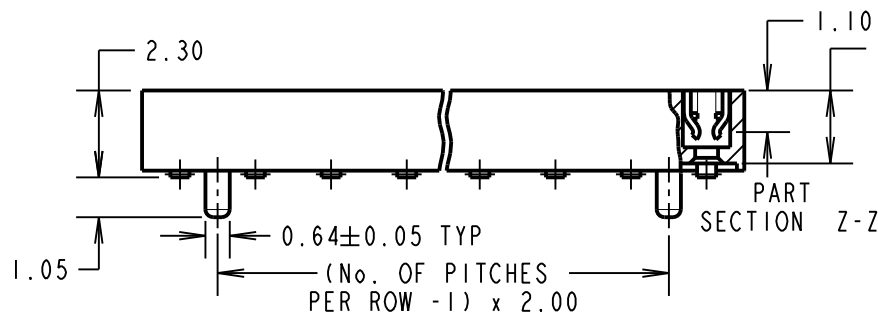
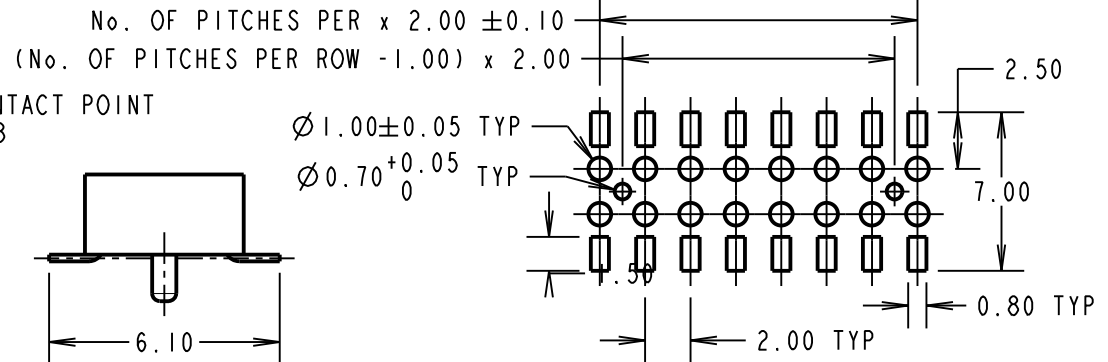
MATERIAL = 30% GLASS FILLED NYLON 6T UL94V-0  
 CONTACTS = PHOSPHOR BRONZE  
 FINISH: (OVER NICKEL)  
 42 = 0.02 - 0.08 $\mu$  GOLD ON CONTACT AREA  
 2.5 - 3.8 $\mu$  100% TIN ON TAILS  
 46 = 2.5 - 3.8 $\mu$  100% TIN  
**ELECTRICAL:**  
 CURRENT RATING = 1.5 AMPS  
 CONTACT RESISTANCE = 20 MILLIOHMS MAX  
 INSULATION RESISTANCE = 1000 MEGAOHMS MIN  
 DIELECTRIC WITHSTANDING = 500V AC MIN

**MECHANICAL:**

CONTACT RETENTION = 4.9N MIN  
 INSERTION FORCE = 2.0N MAX  
 WITHDRAWAL FORCE = 0.30N MIN  
**ENVIRONMENTAL:**  
 TEMPERATURE RANGE = -55°C TO +105°C  
**PACKING:**  
 TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C018XX (LATEST ISSUE).

**RECOMMENDED PCB LAYOUT**



**NOTES:**  
 1. ALL TOLERANCES ARE  $\pm 0.20$  UNLESS OTHERWISE STATED.

ORDER CODE:

**M22-636XXX**

No. OF WAYS PER ROW  
 02 TO 32

FINISH:

42 - SELECTIVE GOLD + 100% TIN  
 46 - 100% TIN OVER NICKEL

RA	8	10.05.11	11266
NAME	ISS.	DATE	C/NOTE
APPROVED:		R.ADDE	
CHECKED:		M.G.PLESTED	
DRAWN:		D.BECK	
CUSTOMER REF.:			
ASSEMBLY DRG:			

**HARWIN**

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**TOLERANCES**  
 X. =  $\pm 1$ mm  
 X.X =  $\pm 0.25$ mm  
 X.XX =  $\pm 0.10$ mm  
 X.XXX =  $\pm 0.01$ mm  
 ANGLES =  $\pm 5^\circ$   
 UNLESS STATED

**MATERIAL:**  
 SEE ABOVE  
**FINISH:**  
**S/AREA:** mm<sup>2</sup>

**TITLE:**  
 2mm PITCH DIL SMT VERTICAL LOW PROFILE SOCKET ASSEMBLY  
**DRAWING NUMBER:**  
**M22-636XXX**  
 SHT 2 OF 2