

Customer Information Sheet

DRAWING No.: M50-315XXXX

SHEET 2 OF 2

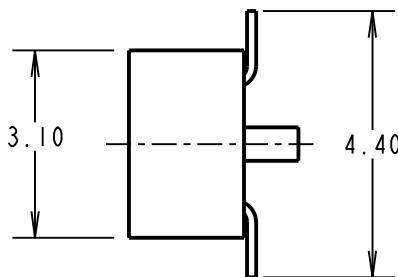
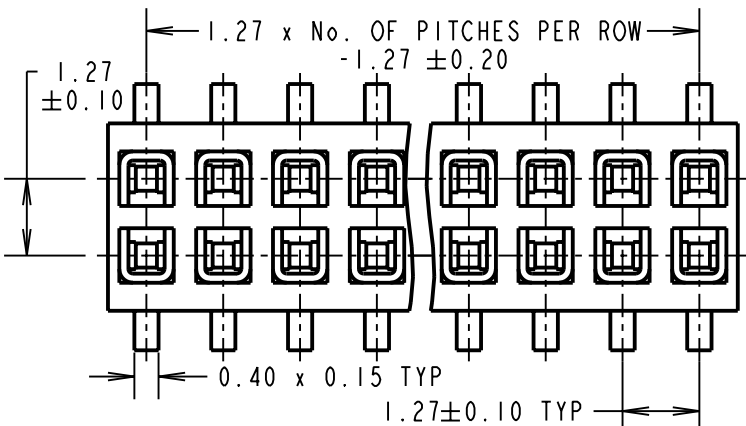
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATION:

MATERIAL:

MOULDING = 30% GLASS FILLED NYLON-6T UL94V-0

CONTACTS = PHOSPHOR BRONZE

FINISH:

42 = GOLD ON CONTACT AREA, 100% TIN ON TAILS

ELECTRICAL:

CURRENT RATING (ALL CONTACTS ARE

ELECTRICALLY LOADED) = 1A

CONTACT RESISTANCE = 20mΩ MAX

INSULATION RESISTANCE = 1000MΩ MIN @ 250V

DIELECTRIC WITHSTANDING = 500V AC (1 MINUTE)

MECHANICAL:

CONTACT RETENTION = 2.5N MIN

INSERTION FORCE = 2.0N MAX

WITHDRAWAL FORCE = 0.3N MIN

SOLDERABILITY = 260°C FOR 3 SECONDS

DURABILITY = 25 CYCLES

ENVIRONMENTAL:

TEMPERATURE RANGE = -40°C TO +105°C

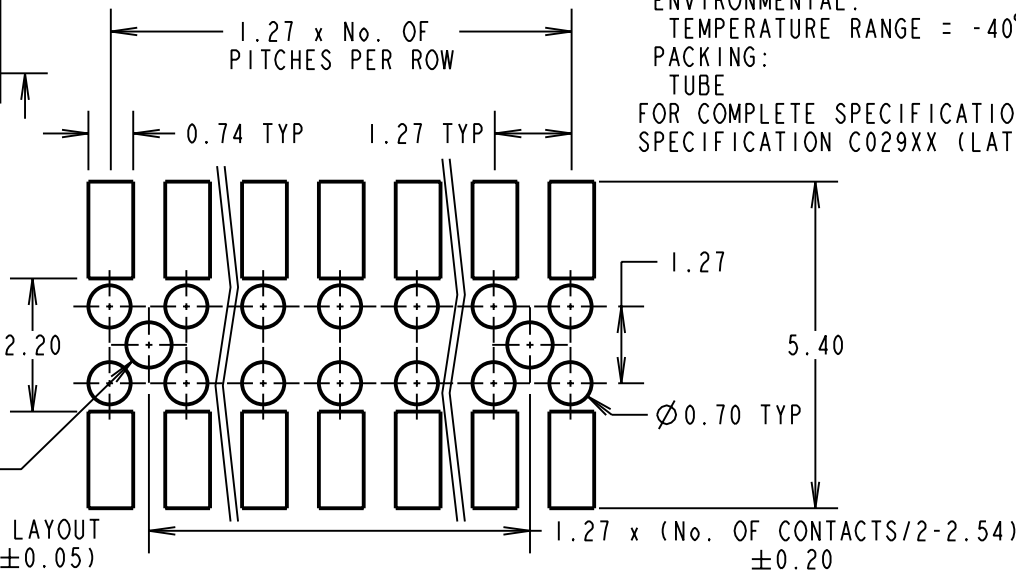
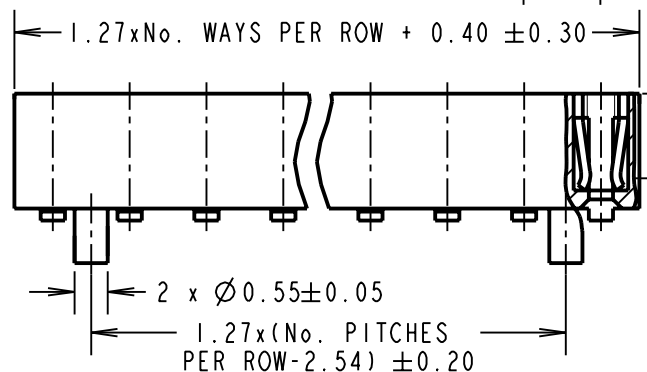
PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C029XX (LATEST ISSUE)

NOTES:

1. ALL TOLERANCES ARE ±0.25 UNLESS OTHERWISE STATED.



ORDER CODE

M50-315XXXX

No. OF WAYS PER ROW:

03 TO 50

FINISH:

42 = SELECTIVE GOLD + 100% TIN

RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

SM	8	10.05.10	10786
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: R. ADDE			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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TOLERANCES
X = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm
ANGLES = ±5°
UNLESS STATED

MATERIAL:
SEE ABOVE
FINISH: SEE ABOVE
S/AREA: mm²

TITLE:
1.27mm PITCH DIL SMT VERT.
LOW-PROFILE SOCKET ASSY
DRAWING NUMBER:
M50-315XXXX
SHT 2 OF 2