

Customer Information Sheet

DRAWING No.: M50-315XX42P

SHEET 2 OF 2

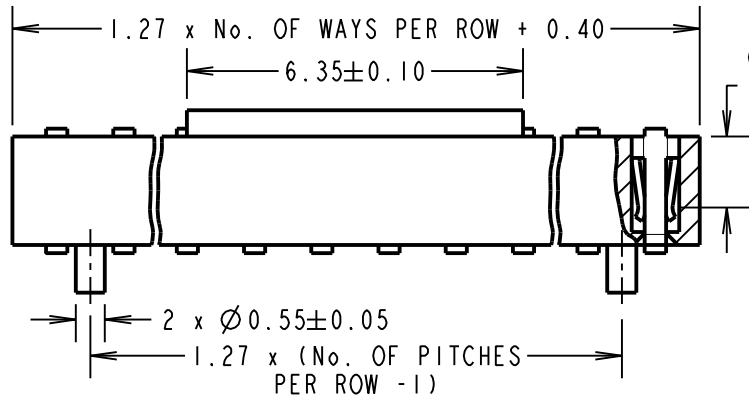
IF IN DOUBT - ASK

(C)

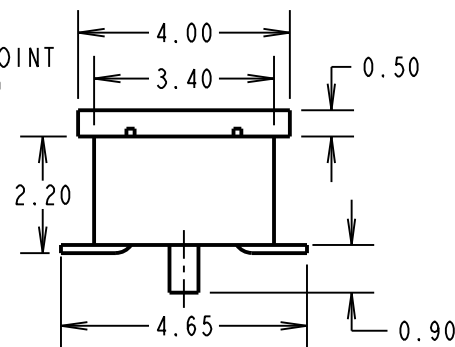
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



CONTACT POINT
1.25±0.10



SPECIFICATIONS:

MATERIAL:

MOULDING = 30% GLASS-FILLED NYLON 6T, BLACK UL94V-0
CONTACT = PHOSPHOR BRONZE

FINISH:

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

ELECTRICAL:

CURRENT RATING = (ALL CONTACTS ARE
ELECTRICALLY LOADED) = 1A
CONTACT RESISTANCE = 15 MILLIOHMS MAX
INSULATION RESISTANCE = 1000 MEGOHMS MIN @ 250V
DIELECTRIC WITHSTANDING = 1000V AC MIN (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:

OPERATING TEMPERATURE = -55°C TO +105°C

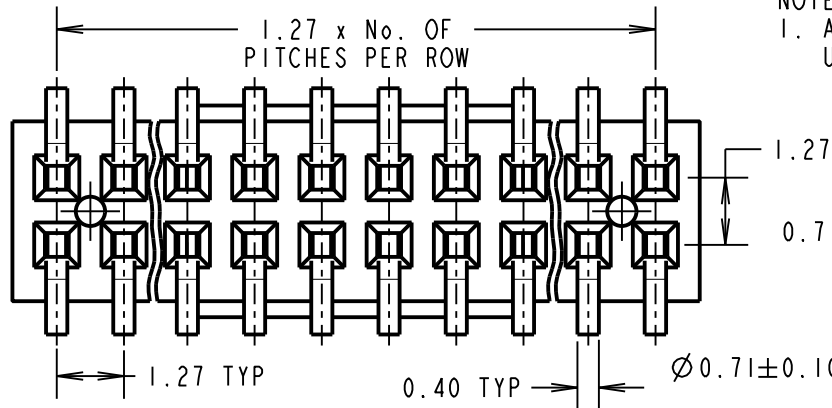
PACKING:

TUBE

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

NOTES:

1. ALL TOLERANCES ARE ±0.25
UNLESS OTHERWISE STATED.

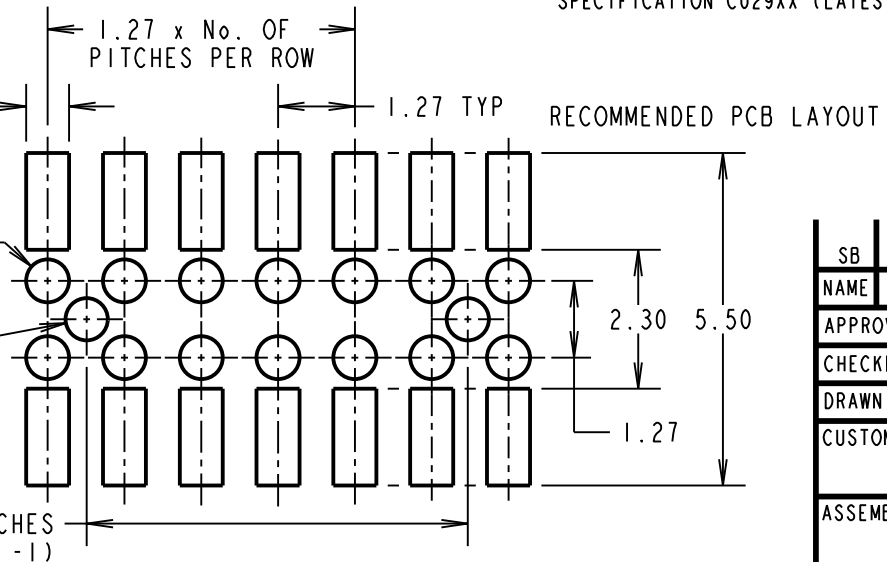


ORDER CODE:

M50-315XX42P

No. OF WAYS PER ROW
03 TO 50

FINISH:
SELECTIVE GOLD + 100% TIN



RECOMMENDED PCB LAYOUT

SB	7	22.08.11	11415
NAME	ISS.	DATE	C/NOTE
APPROVED:		S.BENNETT	
CHECKED:		S.FLOWER	
DRAWN:		J. EVANS	
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 VERTICAL
SMT SOCKET ASSY (P&P CAP)

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SHT
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