

Customer Information Sheet

DRAWING No.: M20-999XXXX		IF IN DOUBT - ASK	(C)	NOT TO SCALE	THIRD ANGLE PROJECTION	ALL DIMENSIONS IN mm
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NOTES:

1. RECOMMENDED PCB MOUNTING HOLE SIZE = $\varnothing 1.02 \pm 0.05$ mm.
2. ALL TOLERANCES ARE ± 0.25 mm UNLESS OTHERWISE STATED.
3. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE).

Top View Dimensions:

- Overall width: 2.54 ± 0.10
- Pin pitch: $2.54 \times \text{No. OF CONTACTS} \pm 0.50$
- Pin width: 2.54 ± 0.10
- Pin spacing: 0.64 ± 0.02 SQUARE TYP
- Pin length: 2.54 ± 0.10

Side View Dimensions:

- Overall height: 6.10
- Pin height: 3.00
- Pin diameter: (1.6)

SPECIFICATION:

MATERIAL:
MOULDING = PA6T UL94V-0, BLACK
PINS = BRASS
FINISH:

PINS (OVER NICKEL):
45 = GOLD
46 = 100% TIN

ELECTRICAL:
CURRENT RATING = 3A MAX
CONTACT RESISTANCE = $20\text{m}\Omega$ MAX
INSULATION RESISTANCE = $1,000\text{M}\Omega$ MIN
DIELECTRIC STRENGTH = 500V AC

MECHANICAL:
DURABILITY = 300 OPERATIONS (GOLD),
50 OPERATIONS (TIN)

ENVIRONMENTAL:
TEMPERATURE RANGE = -40°C TO $+105^\circ\text{C}$
PACKING:
BAG

ORDER CODE:
M20-999XXXX

No. OF CONTACTS:
02 TO 20, 23, 25,
30 TO 33, 36, 40

FINISH:
45 = GOLD
46 = 100% TIN

MGP	23	17.12.18	21677
NAME	ISS.	DATE	C/NOTE
APPROVED: MGP			
CHECKED: SB			
DRAWN: P. ALEXANDER			
CUSTOMER REF.:			
ASSEMBLY DRG:			

TITLE: 2.54mm PITCH SIL VERTICAL PC TAIL PIN HEADER ASSEMBLY		SHT 2 OF 2
DRAWING NUMBER: M20-999XXXX		
MATERIAL: SEE ABOVE	FINISH: SEE ABOVE	S/AREA: mm ²
TOLERANCES X.X = ± 1mm X.X.X = ± 0.50mm X.XX = ± 0.10mm X.XXX = ± 0.01mm ANGLES = $\pm 5^\circ$ UNLESS STATED		
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