

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
Pitch: $2.54 \times \text{No. OF CONTACTS} \pm 0.50$
Contact pitch: $2.54 \times (\text{No. OF CONTACTS} - 1) \pm 0.30$
Contact width: 2.54 ± 0.10
Contact spacing: 0.64 ± 0.02 SQUARE TYP

Side View Dimensions:
Overall height: 6.10
Mounting hole diameter: $\varnothing 1.02 \pm 0.05$
Hole depth: 3.00

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:			

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