

Customer Information Sheet

DRAWING No.: M20-783XXX

SHEET 2 OF 2

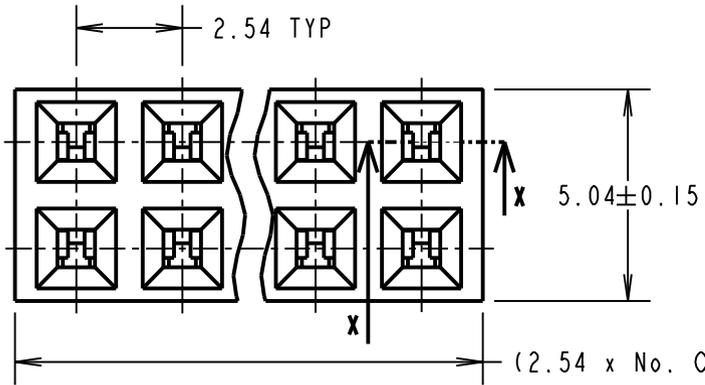
IF IN DOUBT - ASK



NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



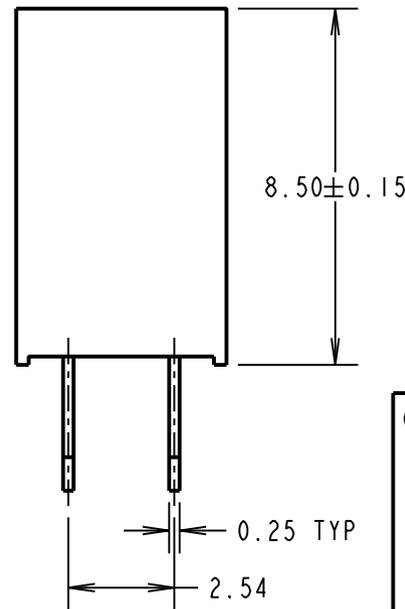
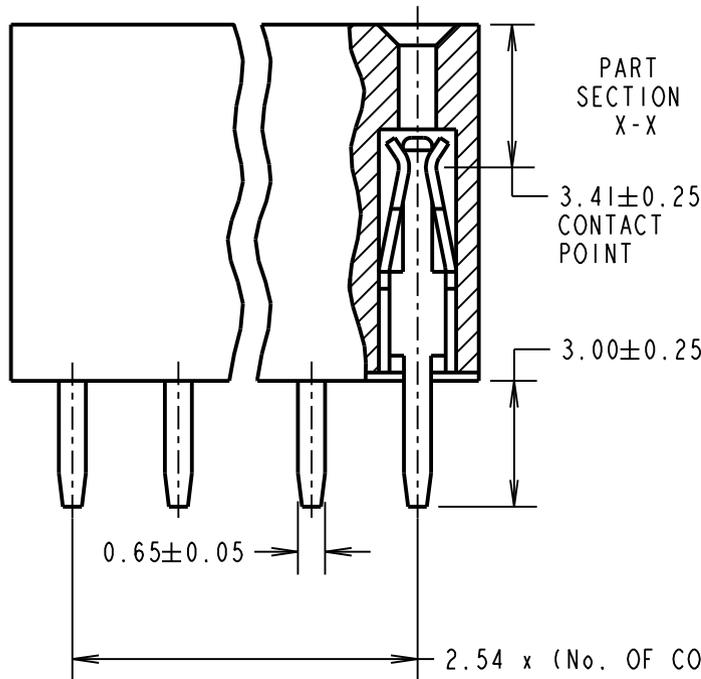
NOTES:

1. RECOMMENDED PCB HOLE SIZE = $\varnothing 1.00\text{mm}$.

Active products:	M20-78306XX	M20-78315XX
	M20-7830746	M20-7831842
	M20-78308XX	M20-78320XX
	M20-78309XX	M20-7833646
	M20-78310XX	
	M20-7831246	
M20-78305XX	M20-78313XX	

SPECIFICATION:

MATERIAL:
 MOULDING = PA9T UL94V-0, BLACK
 CONTACTS = PHOSPHOR BRONZE
FINISH (OVER NICKEL):
 42 = GOLD FLASH ON CONTACT AREA, 100% TIN ON TAILS
 46 = 100% TIN
ELECTRICAL:
 CURRENT RATING = 3A
 VOLTAGE PROOF = 1000V AC
 CONTACT RESISTANCE = $20\text{m}\Omega$ MAX
 INSULATION RESISTANCE = $1,000\text{M}\Omega$ MIN
ENVIRONMENTAL:
 TEMPERATURE RANGE = -40°C TO $+105^{\circ}\text{C}$
MECHANICAL:
 INSERTION FORCE = 1.96N MAX
 WITHDRAWAL FORCE = 0.29N MIN
 DURABILITY = 300 OPERATIONS
PACKING:
 TUBE
 FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE)



OBSOLETE
 All other size/finish combinations not listed above

ORDER CODE: **M20-783XXX**

No. OF CONTACTS PER ROW: _____
 02 TO 20, 25, 32, 36

FINISH: _____
 42 = SELECTIVE GOLD / 100% TIN
 46 = 100% TIN

WJP	13	01.08.17	20398
NAME	ISS.	DATE	C/NOTE
APPROVED: W. J. PRESTON			
CHECKED: S. BENNETT			
DRAWN: J. EVANS			
CUSTOMER REF.:			
ASSEMBLY DRG:			



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TOLERANCES
 X. = $\pm 1\text{mm}$
 X.X = $\pm 0.50\text{mm}$
 X.XX = $\pm 0.10\text{mm}$
 X.XXX = $\pm 0.01\text{mm}$
 ANGLES = $\pm 5^{\circ}$
 UNLESS STATED

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

TITLE:
 2.54mm PITCH DIL VERTICAL PC TAIL SOCKET ASSEMBLY

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