

Customer Information Sheet

DRAWING No.: M20-977XXX

SHEET 2 OF 2

IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

NOTES:

1. RECOMMENDED PCB MOUNTING HOLE SIZE = $\varnothing 1.00\text{mm}$.
2. ALL TOLERANCES ARE $\pm 0.25\text{mm}$ UNLESS OTHERWISE STATED.
3. FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE).

SPECIFICATION:**MATERIAL:**

MOULDING = HIGH TEMP NYLON 6T UL94V-0, BLACK

PINS = BRASS

FINISH:**PINS:**

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

46 = 100% TIN OVER NICKEL

ELECTRICAL:

CURRENT RATING = 3A MAX

CONTACT RESISTANCE = $25\text{ m}\Omega$ MAX (GOLD), $30\text{ m}\Omega$ MAX (TIN)INSULATION RESISTANCE = $1,000\text{ M}\Omega$ MIN

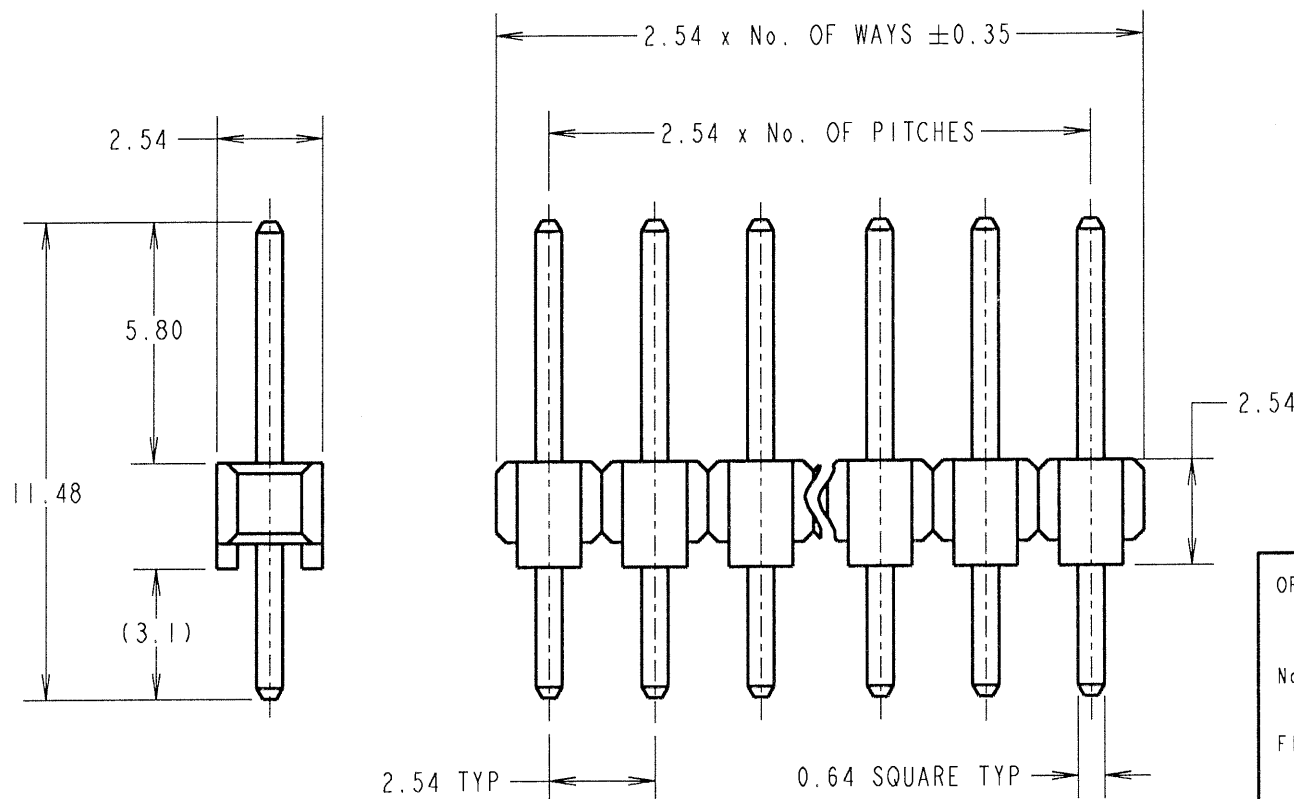
DIELECTRIC STRENGTH = 750V AC/DC

MECHANICAL:

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

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

BAG

**OBSOLETE****No. of Contacts:****21 to 24, 27 to 31, 33 to 35, 37 to 39****ORDER CODE:****M20-977XXX**No. OF WAYS
02 TO 40**FINISH:**42 = SELECTIVE GOLD + 100% TIN
46 = 100% TIN

JMB	11	05.12.06	9602
NAME	ISS.	DATE	C/NOTE
APPROVED:	C/LB		
CHECKED:	JL		
DRAWN:	P. COLLINS		
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

HARWIN INC U.S.A. TEL: (812) 542 2540 FAX: (812) 542 2541	HARWIN PLC U.K. TEL: 023 9231 4545 FAX: 023 9231 4590	HARWIN PTE SINGAPORE TEL: 65 6779 4909 FAX: 65 6779 3868
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TOLERANCES
~~X = $\pm 1\text{mm}$~~
~~X.X = $\pm 0.25\text{mm}$~~
~~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 SIL
VERTICAL PC TAIL
PIN HEADER ASSEMBLY**DRAWING NUMBER:****M20-977XXX**SHT
2 OF 2

Mouser Electronics

Authorized Distributor

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Harwin:

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