

Customer Information Sheet

DRAWING No.: M20-970XXXX

SHEET 2 OF 2

IF IN DOUBT - ASK



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 = PA6T UL94V-0, BLACK

PINS = BRASS

FINISH:

PINS (OVER NICKEL):

45 = GOLD

46 = 100% TIN

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:

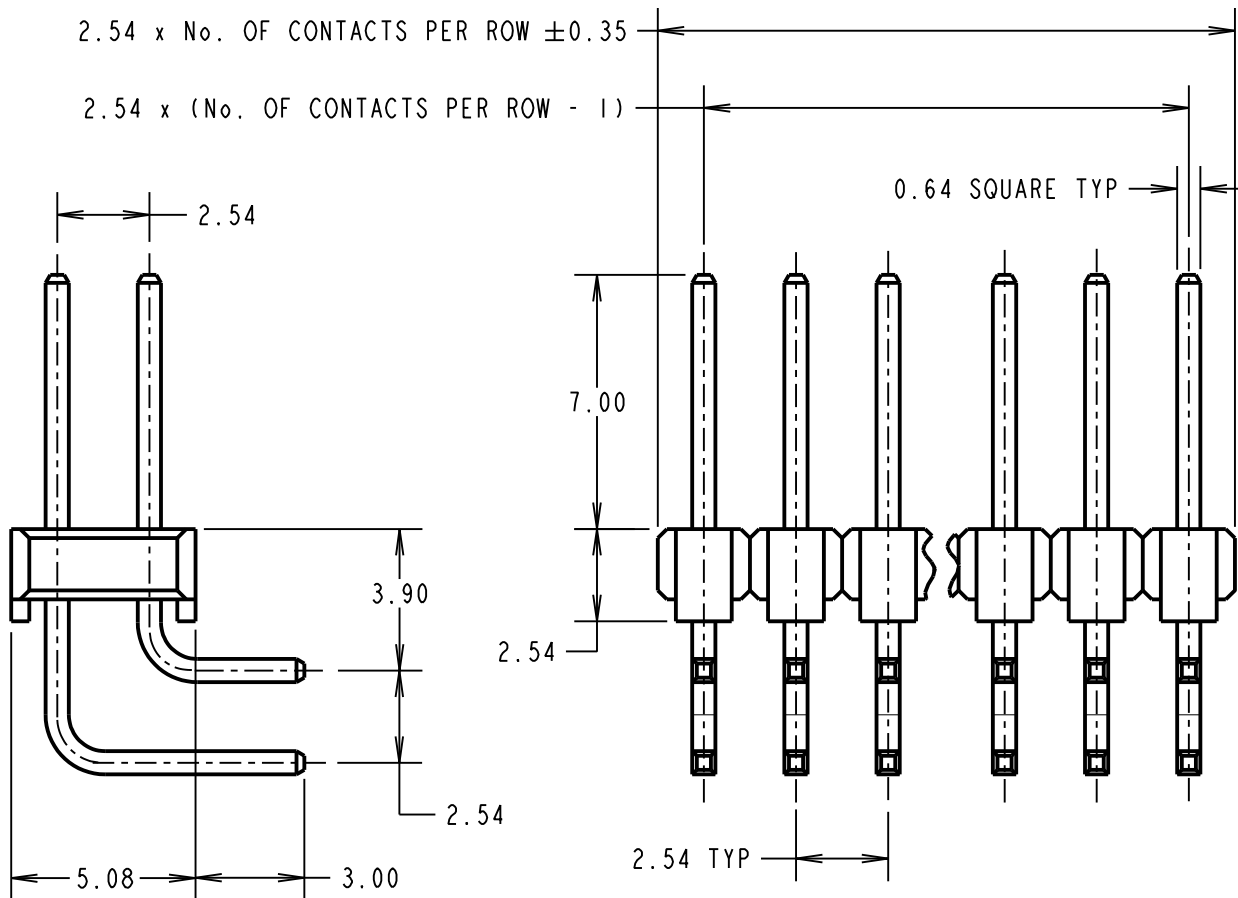
DURABILITY = 300 OPERATIONS (GOLD),
50 OPERATIONS (TIN)

ENVIRONMENTAL:

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

PACKING:

BAG



ORDER CODE:

M20-970XXXX

No. OF CONTACTS PER ROW:

02 TO 20, 22,
25, 27, 36, 40

FINISH:

45 = GOLD

46 = 100% TIN

WJP	12	31.07.17	20398
NAME	ISS.	DATE	C/NOTE
APPROVED: W. J. PRESTON			
CHECKED: M. PLESTED			
DRAWN: D. FAIRS			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

www.harwin.com
technical@harwin.com

THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT PROPERTY OF THE HARWIN GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, TENDERING OR FOR ANY OTHER PURPOSE WITHOUT THEIR WRITTEN PERMISSION.

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
HORIZONTAL PC TAIL
PIN HEADER ASSEMBLY

DRAWING NUMBER:

M20-970XXXX

SHT
2
OF 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M20-9702546](#) [M20-9702545](#) [M20-9702745](#) [M20-9702746](#) [M20-9702246](#) [M20-9702245](#) [M20-9704046](#) [M20-9704045](#) [M20-9703645](#) [M20-9703646](#) [M20-9702046](#) [M20-9702045](#) [M20-9700946](#) [M20-9700945](#) [M20-9701345](#) [M20-9701346](#) [M20-9700546](#) [M20-9700545](#) [M20-9701746](#) [M20-9701745](#) [M20-9701545](#) [M20-9701546](#) [M20-9700345](#) [M20-9700346](#) [M20-9701945](#) [M20-9701946](#) [M20-9700746](#) [M20-9700745](#) [M20-9701146](#) [M20-9701145](#) [M20-9701045](#) [M20-9701046](#) [M20-9700645](#) [M20-9700646](#) [M20-9701846](#) [M20-9701845](#) [M20-9701446](#) [M20-9701445](#) [M20-9700246](#) [M20-9700245](#) [M20-9700845](#) [M20-9700846](#) [M20-9701245](#) [M20-9701246](#) [M20-9700445](#) [M20-9700446](#) [M20-9701646](#) [M20-9701645](#)