

Customer Information Sheet

DRAWING No.: M20-977XXX

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):

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

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

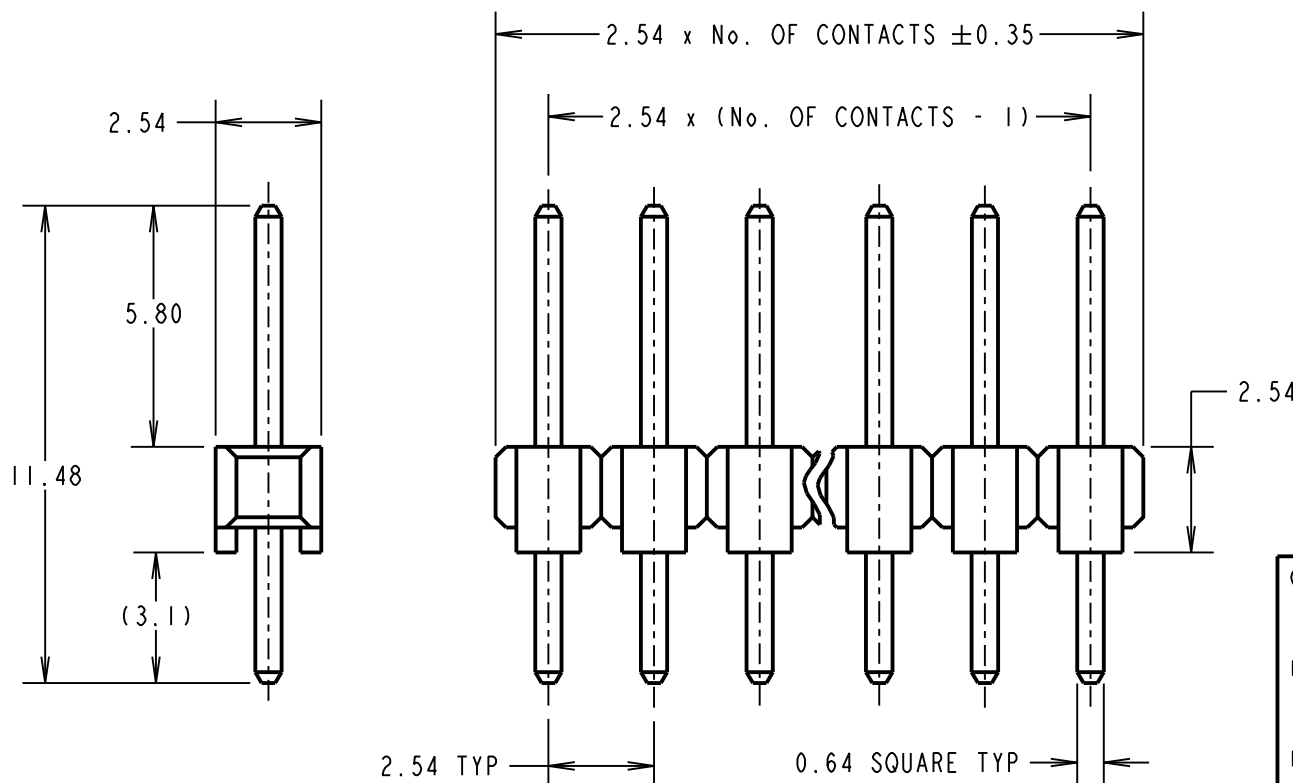
MECHANICAL:

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

ENVIRONMENTAL:

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

PACKING:
BAG



ORDER CODE:

M20-977XXX

No. OF CONTACTS: _____
02 TO 20, 25, 26,
32, 36, 40

FINISH:

42 = SELECTIVE GOLD + 100% TIN
46 = 100% TIN

WJP	I2	01.08.17	20398
NAME	ISS.	DATE	C/NOTE
APPROVED: W. J. PRESTON			
CHECKED: M. PLESTED			
DRAWN: P. COLLINS			
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 SIL
VERTICAL PC TAIL
PIN HEADER ASSEMBLY

DRAWING NUMBER:

M20-977XXX

SHT
2
OF
2