

Customer Information Sheet

DRAWING No.: M20-789XXX

SHEET 2 OF 2

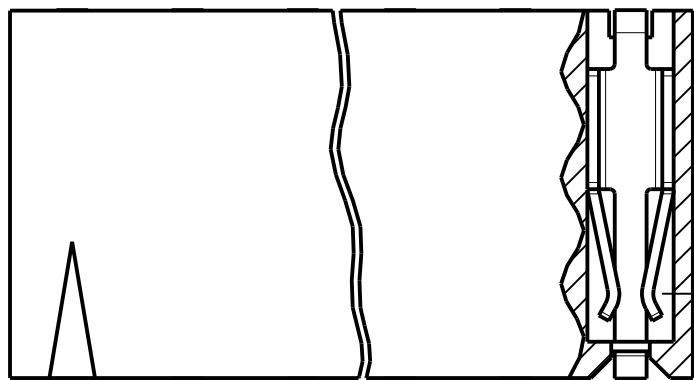
IF IN DOUBT - ASK



NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



PIN 1 IDENTIFICATION

PART SECTION X-X

8.10 ± 0.15

7.87 ± 0.25

0.25 ± 0.03

3.0

1.78 (CONTACT POINT)

ORDER CODE:

M20-789XXX

No. OF WAYS
02 TO 40

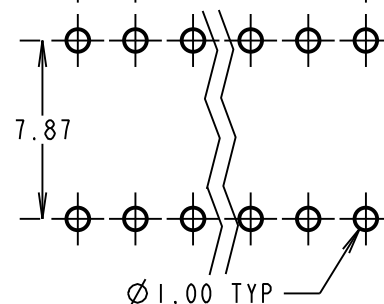
FINISH:

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

RECOMMENDED PAD LAYOUT

$2.54 \times \text{No. OF PITCHES}$

2.54 TYP



SPECIFICATION:

MATERIAL:

MOULDING = NYLON 6T UL94V-0, BLACK

CONTACTS = PHOSPHOR BRONZE

FINISH (OVER NICKEL):

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

46 = 100% TIN

ELECTRICAL:

CURRENT RATING = 3A

VOLTAGE PROOF = 500V AC/DC

CONTACT RESISTANCE = 20 mΩ MAX

INSULATION RESISTANCE = 5,000 MΩ MIN.

ENVIRONMENTAL:

TEMPERATURE RANGE = -40° TO +105°

MECHANICAL:

INSERTION FORCE = 5N MAX.

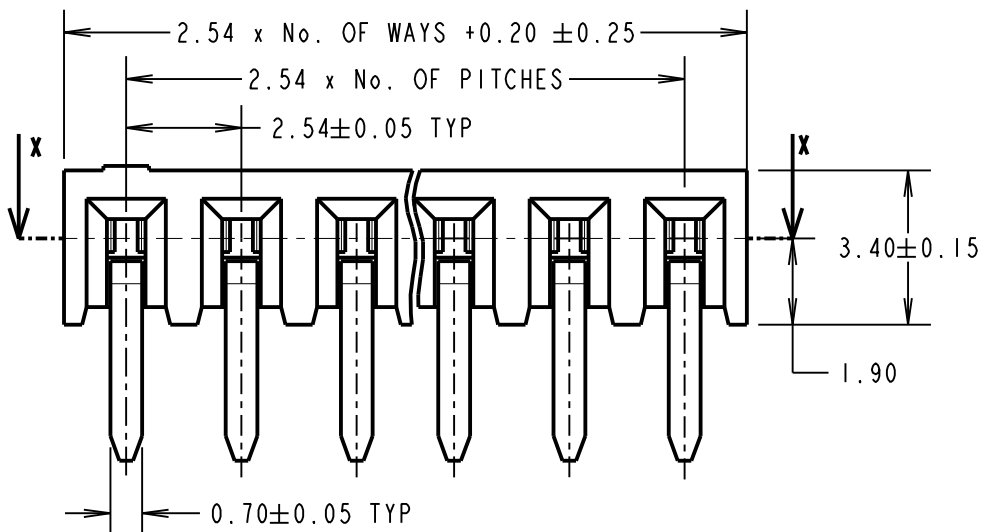
WITHDRAWAL FORCE = 0.2N MIN.

DURABILITY = 50 OPERATIONS

PACKING:

TUBE.

FOR COMPLETE SPECIFICATION SEE COMPONENT SPECIFICATION C001XX (LATEST ISSUE)



SM	8	28.07.10	10883
NAME	ISS.	DATE	C/NOTE
APPROVED: S. MCCULLAGH			
CHECKED: R. ADDE			
DRAWN: J. EVANS			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

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. = ±1mm
X.X = ±0.25mm
X.XX = ±0.10mm
X.XXX = ±0.01mm

ANGLES = ±5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH:

SEE ABOVE

S/AREA:

mm²

TITLE:

2.54mm PITCH SIL PC TAIL
HORIZONTAL SOCKET ASSEMBLY

DRAWING NUMBER:

M20-789XXX

SHT

2 OF 2

HARWIN USA
TEL: 603 893 5376
FAX: 603 893 5396
mis@harwin.com

HARWIN Europe (UK)
TEL: 023 9231 4545
FAX: 023 9231 4590
mis@harwin.co.uk

HARWIN Asia
TEL: +65 6 779 4909
FAX: +65 6 779 3868
mis@harwin.com.sg