

Customer Information Sheet

DRAWING No.: M80-401XXXX

SHEET 2 OF 2

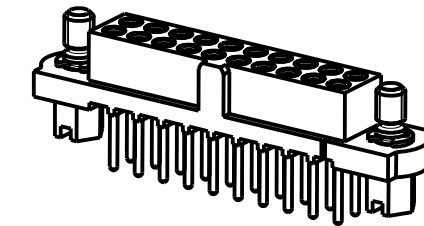
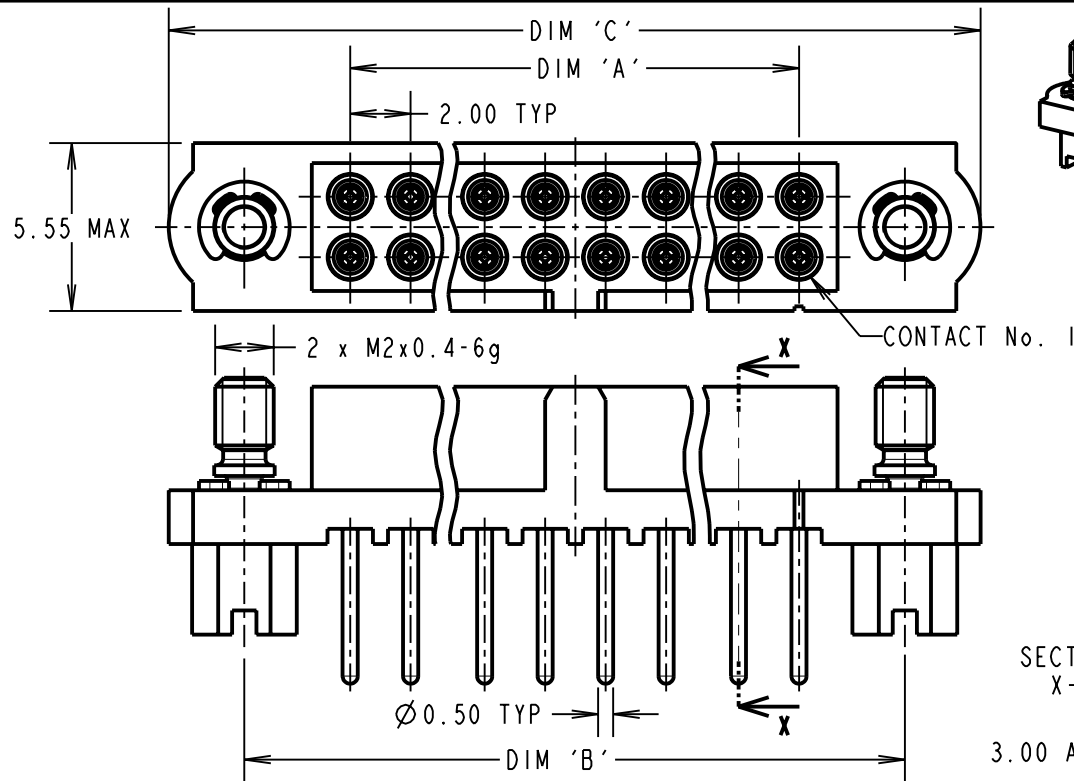
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**SPECIFICATIONS:****MATERIAL:**

MOULDING = GLASS-FILLED PPS, UL94V-0, BLACK

CONTACT CLIP = BERYLLIUM COPPER

CONTACT SHELL = BRASS

JACKSCREW, CIRCLIP = STAINLESS STEEL

FINISH:

01 = 0.3µ GOLD CLIP, 3.5-5.0µ TIN/LEAD SHELL

05 = 0.3µ GOLD CLIP, 0.25-0.3µ GOLD SHELL

42 = 0.3µ GOLD CLIP,

3.5-5.0µ 100% TIN OVER NICKEL SHELL

ELECTRICAL:

CURRENT RATING AT 25°C = 3.0A MAX

CURRENT RATING AT 85°C = 2.2A MAX

WORKING VOLTAGE = 120V AC/DC

VOLTAGE PROOF = 360V AC/DC

CONTACT RESISTANCE = 25 mΩ MAX

INSULATION RESISTANCE = 100 MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

INSERTION FORCE (Ø0.5mm GAUGE) = 2.8N MAX

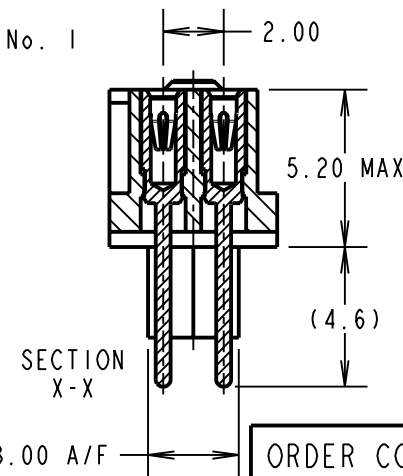
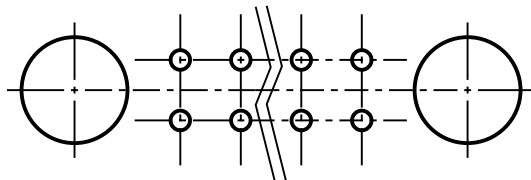
WITHDRAWAL FORCE (Ø0.5mm GAUGE) = 0.2N MIN

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

FOR COMPLETE SPECIFICATION, SEE
COMPONENT SPECIFICATION C005XX
(LATEST ISSUE)**RECOMMENDED PCB LAYOUT**

PART No.	No. OF CONTACTS	DIM 'A'	DIM 'B'	DIM 'C'
M80-40106XX	6	4.00	11.00	16.00
M80-40110XX	10	8.00	15.00	20.00
M80-40114XX	14	12.00	19.00	24.00
M80-40120XX	20	18.00	25.00	30.00
M80-40126XX	26	24.00	31.00	36.00
M80-40134XX	34	32.00	39.00	44.00
M80-40142XX	42	40.00	47.00	52.00
M80-40150XX	50	48.00	55.00	60.00

ORDER CODE:**M80-401XXXX****TOTAL No. OF CONTACTS**06, 10, 14, 20,
26, 34, 42, 50**FINISH**

01 - GOLD CLIP, TIN/LEAD SHELL

05 - GOLD CLIP, GOLD SHELL

42 - GOLD CLIP, 100% TIN
OVER NICKEL SHELL

CP	I	31.08.10	10870
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWINHARWIN USA
TEL: 603 893 5376
FAX: 603 893 5396
mis@harwin.comHARWIN Europe (UK)
TEL: 023 9231 4545
FAX: 023 9231 4590
mis@harwin.co.ukHARWIN Asia
TEL: +65 6 779 4909
FAX: +65 6 779 3868
mis@harwin.com.sgTHIS 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 = ±0.01mmANGLES = ±5°
UNLESS STATED**MATERIAL:**

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm²TITLE: JACKSCREW DATAMATE
DIL VERTICAL PC TAIL (4.5mm)
FEMALE ASSEMBLY

DRAWING NUMBER:

M80-401XXXXSHT
2
OF
2

Mouser Electronics

Authorized Distributor

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

Harwin:

[M80-4011401](#) [M80-4012601](#) [M80-4013401](#) [M80-4010642](#) [M80-4015042](#) [M80-4014042](#) [M80-4012042](#) [M80-4012642](#) [M80-4013442](#) [M80-4011442](#) [M80-4011042](#) [M80-4011001](#) [M80-4015001](#) [M80-4014011](#) [M80-4014242](#)
[M80-4014201](#) [M80-4010605](#) [M80-4014205](#) [M80-4012605](#)