

Customer Information Sheet

DRAWING No.: M80-461XXXX

SHEET 2 OF 2

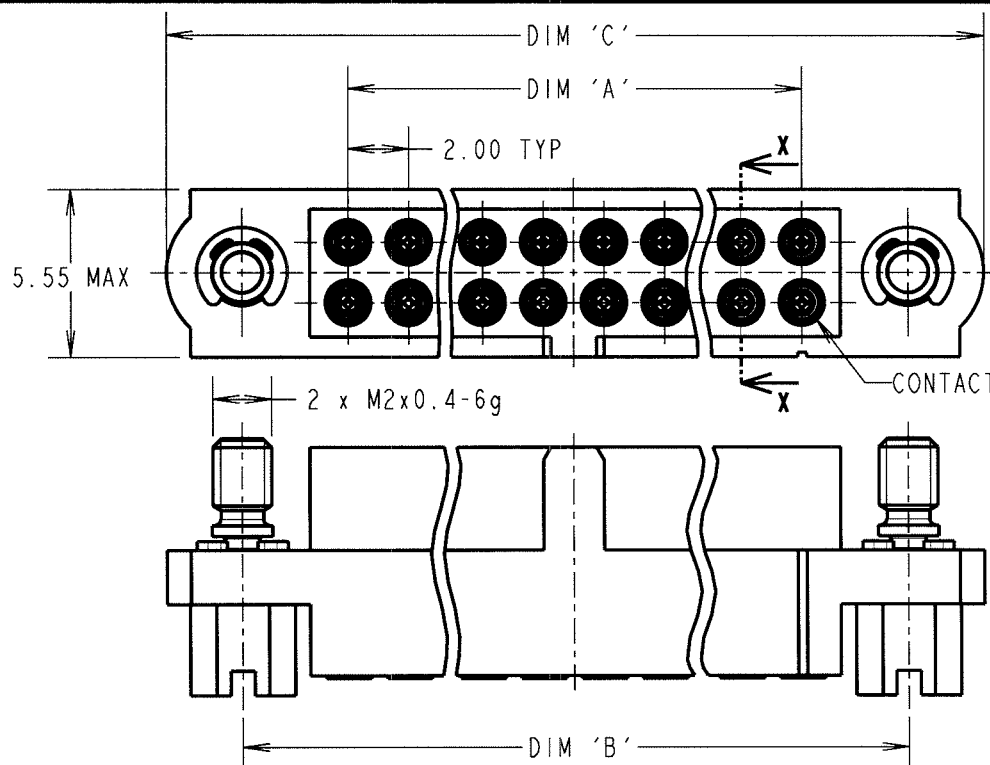
IF IN DOUBT - ASK

(C)

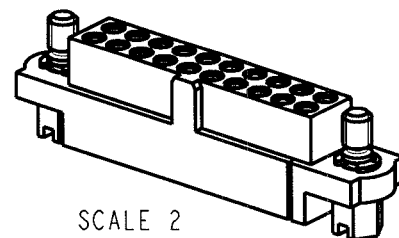
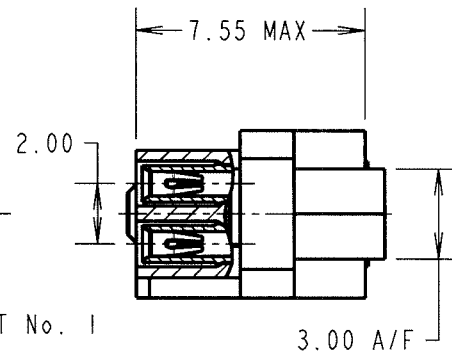
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



PART SECTION X-X



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

LOOSE

FOR COMPLETE SPECIFICATION, SEE
COMPONENT SPECIFICATION C005XX
(LATEST ISSUE)

NOTES:

- CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
- FOR EXTRA CONTACTS, USE PART NUMBER M80-01300XX (XX = SAME FINISH CODE AS ASSEMBLY).
- RECOMMENDED WIRE TYPE = BS 3G 210 TYPE A, PTFE INSULATED 24-28 AWG. MAX INSULATION DIAMETER = Ø1.10mm, STRIP WIRE BY 2.00mm.
- RECOMMENDED HAND CRIMP TOOL = M22520/2-01 WITH POSITIONER T5747.
- CONTACT INSERTION AND EXTRACTION TOOL = Z80-280
- INSTRUCTION SHEETS ARE AVAILABLE.

ORDER CODE:

M80-461XXXX

TOTAL No. OF CONTACTS

06, 10, 14, 20,
26, 34, 42, 50

FINISH

01 - GOLD CLIP, TIN SHELL
05 - GOLD CLIP, GOLD SHELL

ASSEMBLY PART No.	No. OF CONTACTS	DIM 'A'	DIM 'B'	DIM 'C'
M80-46106XX	6	4.00	11.00	16.00
M80-46110XX	10	8.00	15.00	20.00
M80-46114XX	14	12.00	19.00	24.00
M80-46120XX	20	18.00	25.00	30.00
M80-46126XX	26	24.00	31.00	36.00
M80-46134XX	34	32.00	39.00	44.00
M80-46142XX	42	40.00	47.00	52.00
M80-46150XX	50	48.00	55.00	60.00

JMB	B	11.07.05	8619
NAME	ISS.	DATE	C/NOTE
APPROVED:			
CHECKED:			
DRAWN:	W. J. BOURNE		
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:

JACKSCREW DATAMATE
DIL CRIMP (SMALL BORE)
FEMALE ASSEMBLY

DRAWING NUMBER:

M80-461XXXX

SHT
2
OF 2

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