

Customer Information Sheet

DRAWING No.: M80-461XXXX

SHEET 2 OF 2

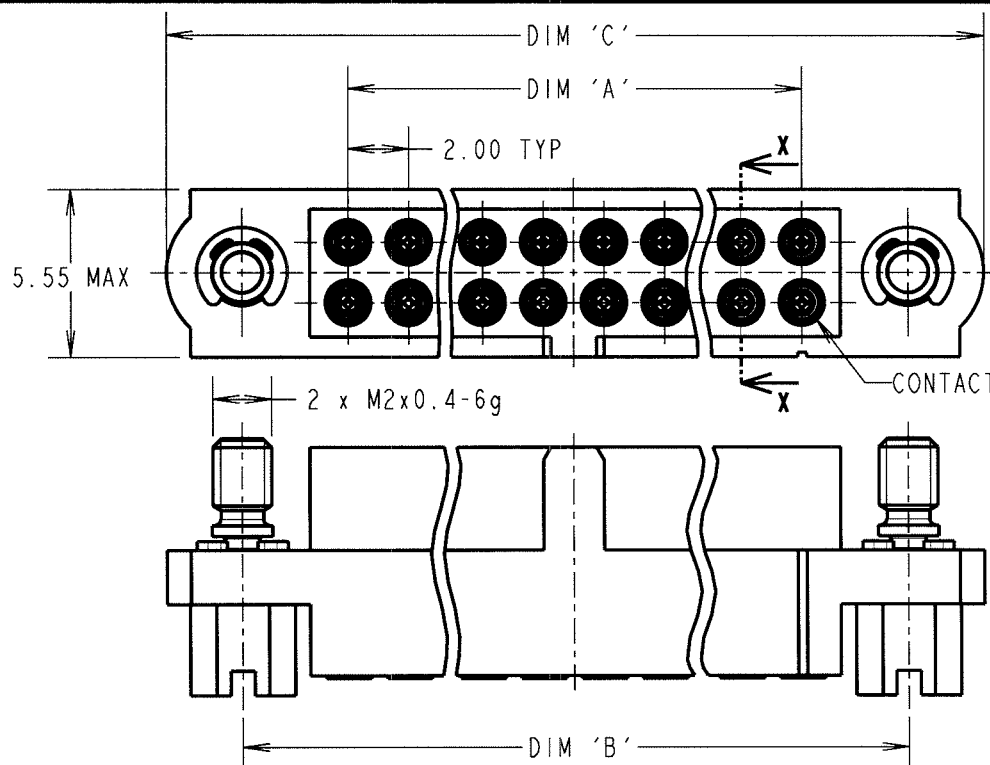
IF IN DOUBT - ASK

(C)

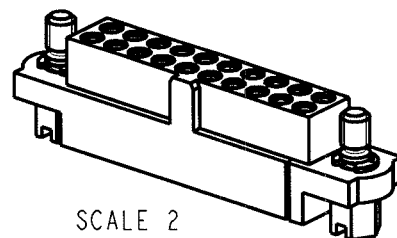
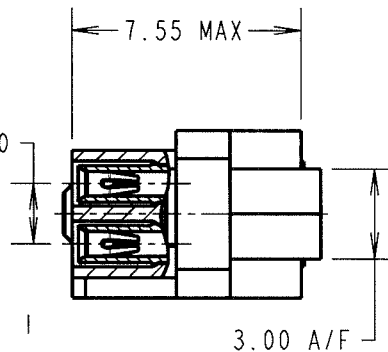
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



PART SECTION X-X



SCALE 2

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

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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

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