

Customer Information Sheet

DRAWING No.: M80-566XXXX

SHEET 2 OF 2

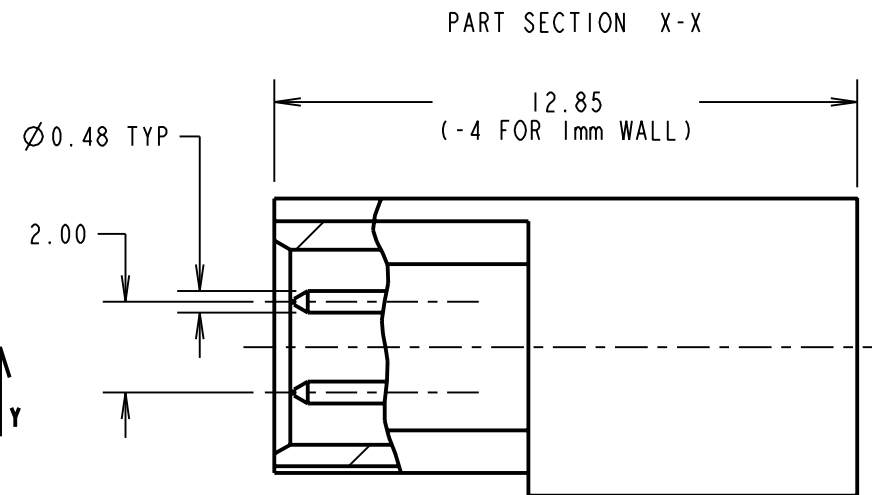
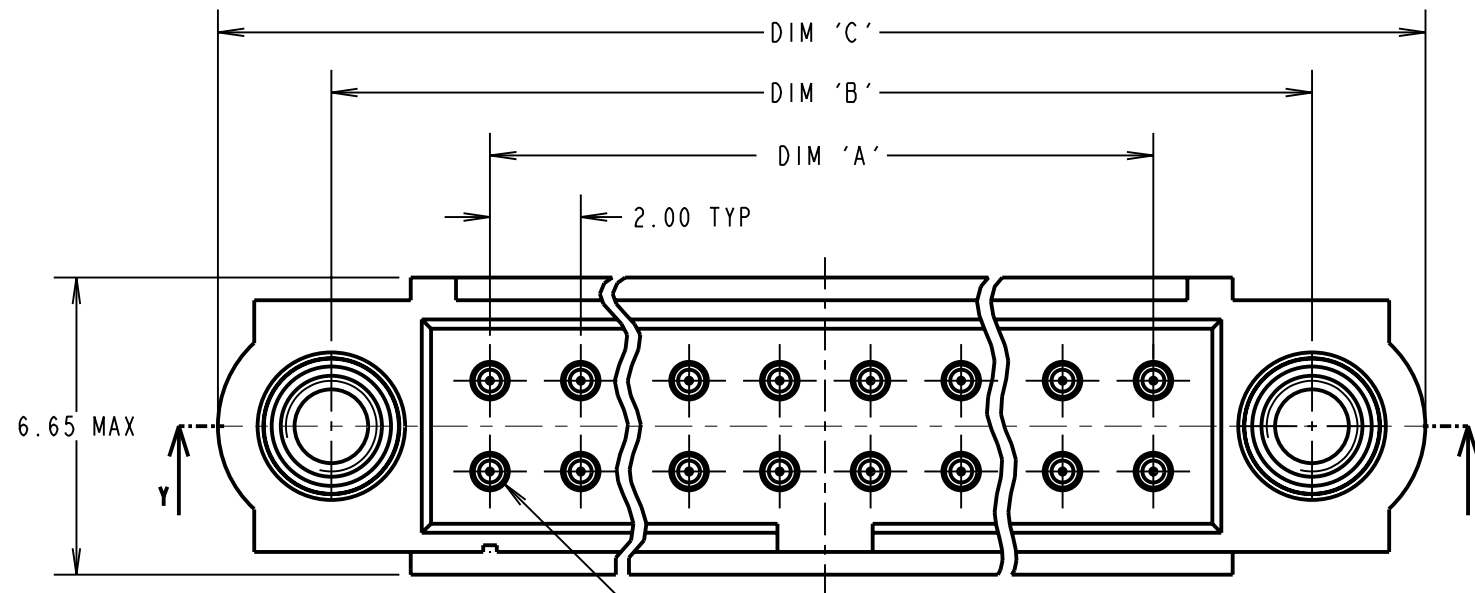
IF IN DOUBT - ASK

(C)

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

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

CONTACT = BRASS

JACKSCREW = STAINLESS STEEL

FINISH:

05 = 0.25-0.3µ GOLD

46 = 3.5-5.0µ 100% TIN 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

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

LOOSE

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

CONTACT No. 1

2 x M2x0.4-6H

POTTING WALL HEIGHT
SEE ORDER CODE

ORDER CODE:

M80-566XXXXX

TOTAL No. OF CONTACTS

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

FINISH

05 - GOLD

46 - 100% TIN

POTTING WALL HEIGHT

BLANK = 5mm

A = 1mm

PART SECTION Y-Y

ASSEMBLY PART No.	No. OF CONTACTS	DIM 'A'	DIM 'B'	DIM 'C'
M80-56606XXX	6	4.00	11.00	16.00
M80-56610XXX	10	8.00	15.00	20.00
M80-56614XXX	14	12.00	19.00	24.00
M80-56620XXX	20	18.00	25.00	30.00
M80-56626XXX	26	24.00	31.00	36.00
M80-56634XXX	34	32.00	39.00	44.00
CONTACT TECHNICAL SALES	42	40.00	47.00	52.00
CONTACT TECHNICAL SALES	50	48.00	55.00	60.00

NOTES:

- CONNECTORS ARE SUPPLIED WITH CONTACTS LOOSE.
- FOR EXTRA CONTACTS, USE PART NUMBER M80-1950005 FOR M80-566XX05 AND M80-1950006 FOR M80-566XX46.
- 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 Z80-193.
- CONTACT INSERTION AND EXTRACTION TOOL = Z80-280.
- INSTRUCTION SHEETS ARE AVAILABLE.

CP	3	27.07.09	10414
NAME	ISS.	DATE	C/NOTE
APPROVED: C. PENROSE			
CHECKED: M. PLESTED			
DRAWN: B. M. KENT			
CUSTOMER REF.:			
ASSEMBLY DRG:			

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TOLERANCES

X. = ±1mm

X.X = ±0.25mm

X.XX = ±0.10mm

X.XXX = ±0.01mm

ANGLES = 2±5°

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

mm²

TITLE: JACKSCREW DATAMATE
DIL CRIMP (SMALL BORE)
POTTING WALL MALE ASSEMBLY

DRAWING NUMBER:

M80-566XXXX

SHT

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