

# Customer Information Sheet

DRAWING No.: M80-840XXXX

SHEET 2 OF 2

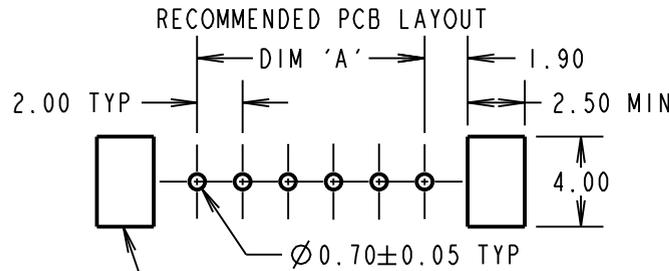
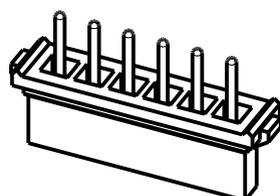
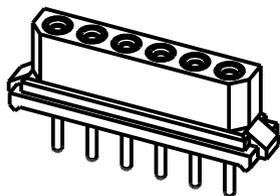
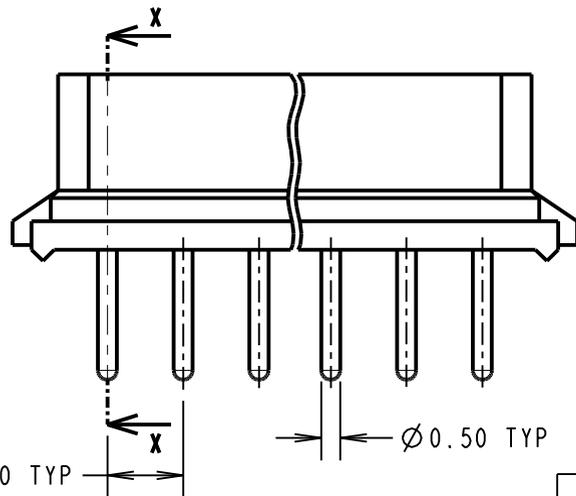
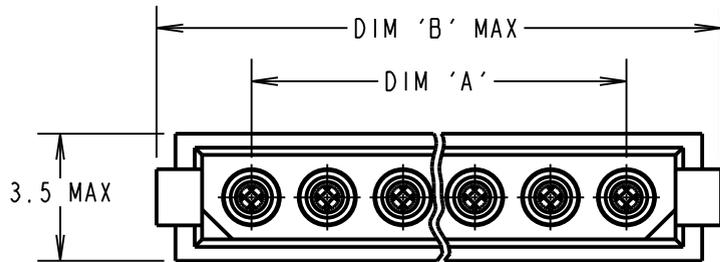
IF IN DOUBT - ASK

(C)

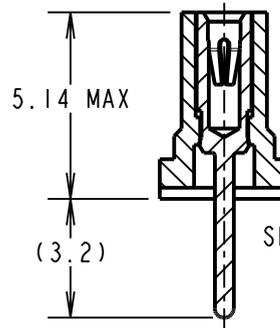
NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



(OPTIONAL) HOLES REQUIRED FOR USE WITH LATCHED MALE CONNECTORS.



PART No.	No. OF CONTACTS	DIM 'A'	DIM 'B'
M80-84002XX	2	2.00	7.15
M80-84003XX	3	4.00	9.15
M80-84004XX	4	6.00	11.15
M80-84005XX	5	8.00	13.15
M80-84006XX	6	10.00	15.15
M80-84007XX	7	12.00	17.15
M80-84017XX	17	32.00	37.15
M80-84022XX	22	42.00	47.15

### SPECIFICATIONS:

#### MATERIAL:

MOULDING = GLASS-FILLED POLYAMIDE 46, UL94V-0, BLACK

CONTACT CLIP = BERYLLIUM COPPER

CONTACT SHELL = BRASS

#### FINISH (ALL OVER NICKEL):

~~01 = 0.3µ GOLD CLIP, 3.5µ 90/10 TIN/LEAD SHELL~~

42 = 0.3µ GOLD CLIP, 3.5-5.0µ 100% TIN SHELL

45 = 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 = 800V AC/DC

VOLTAGE PROOF = 1200V AC/DC

CONTACT RESISTANCE = 25 mΩ MAX

INSULATION RESISTANCE = 100 MΩ MIN

#### MECHANICAL:

DURABILITY = 500 OPERATIONS

INSERTION FORCE (Ø0.5mm GAUGE) = 2N 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)

**OBSOLETE**

Order codes ending 01 (Non-RoHS finish)

ORDER CODE:  
**M80-840XXXX**

TOTAL No. OF CONTACTS ————  
02, 03, 04, 05,  
06, 07, 17, 22

FINISH ————  
~~01 - GOLD CLIP, TIN/LEAD SHELL~~  
42 - GOLD CLIP, 100% TIN SHELL  
45 - GOLD CLIP, GOLD SHELL

MSP	10	27.05.15	12793
NAME	ISS.	DATE	C/NOTE
APPROVED: M.PERREN			
CHECKED: M.PLESTED			
DRAWN: W. J. BOURNE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

# HARWIN

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#### TOLERANCES

X. = ±1mm  
X.X = ±0.50mm  
X.XX = ±0.10mm  
X.XXX = ±0.01mm

ANGLES = ±5°  
UNLESS STATED

#### MATERIAL:

SEE ABOVE

#### FINISH:

SEE ABOVE

#### S/AREA:

mm<sup>2</sup>

#### TITLE:

DATAMATE  
SIL VERTICAL PC TAIL  
FEMALE ASSEMBLY (RoHS)

#### DRAWING NUMBER:

**M80-840XXXX**

SHT  
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