

Customer Information Sheet

DRAWING No.: M80-5L2XXXXMA-00-000-00-000

SHT 1 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 = PHOSPHOR BRONZE

JACKSCREW = STAINLESS STEEL

FINISH (CONTACTS):

05 = 0.75µ GOLD ALL OVER

22 = 0.75µ GOLD ON CONTACT AREA,

3µ TIN/LEAD ON TAILS

42 = 0.75µ GOLD ON CONTACT AREA,

3µ 100% TIN OVER NICKEL ON TAILS

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

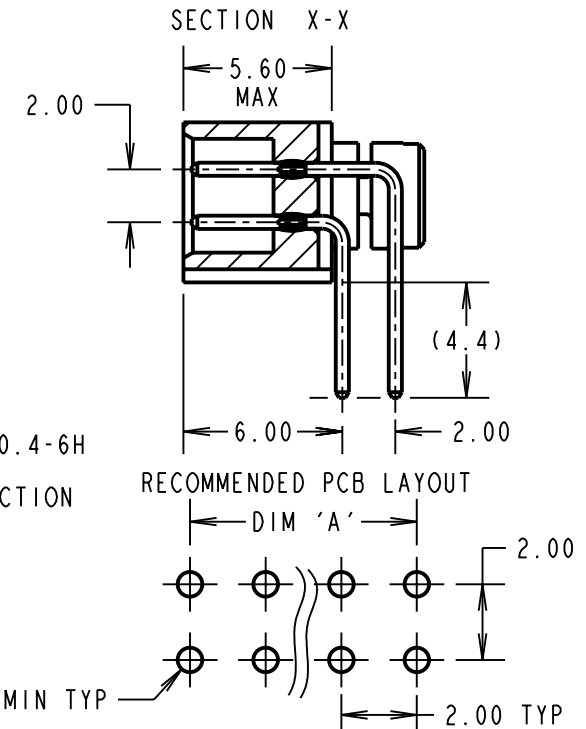
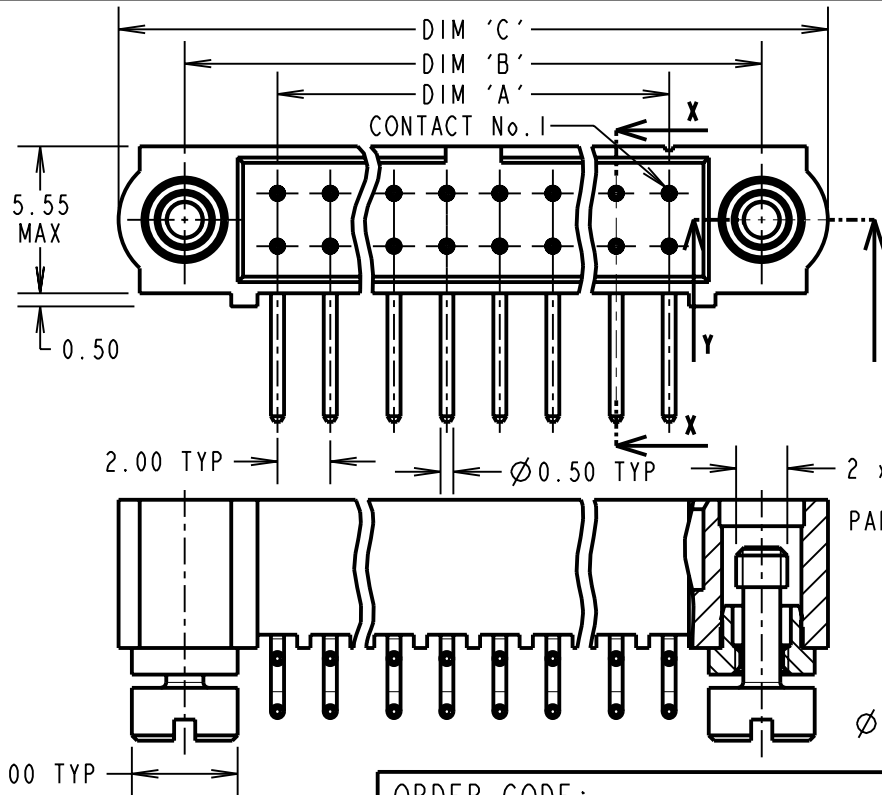
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE

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



DIMENSION	CALCULATION
DIM 'A'	TOTAL No. OF CONTACTS - 2
DIM 'B'	TOTAL No. OF CONTACTS + 5
DIM 'C'	TOTAL No. OF CONTACTS + 10
EXAMPLE: CONNECTOR WITH 20 CONTACTS, GOLD ON CONTACT AREA AND 100% TIN OVER NICKEL ON TAIL, M80-5L22042MA-00-000-00-000 DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm	

ORDER CODE:

M80-5L2XXXXMA-00-000-00-000

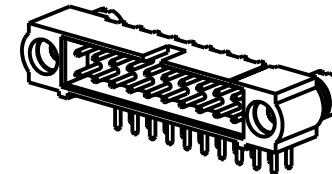
TOTAL No. OF CONTACTS
04 TO 50
(EVEN NUMBERS ONLY)

FINISH

05 - ALL OVER GOLD

22 - GOLD ON CONTACT AREA / TIN/LEAD ON TAIL

42 - GOLD ON CONTACT AREA / 100% TIN OVER NICKEL ON TAIL



CP	I	03.09.10	10870
NAME	ISS.	DATE	C/NOTE
APPROVED: C.PENROSE			
CHECKED: R.ADDE			
DRAWN: R.ADDE			
CUSTOMER REF.:			
ASSEMBLY DRG:			

HARWIN

HARWIN USA TEL: 603 893 5376 FAX: 603 893 5396 mis@harwin.com	HARWIN Europe (UK) TEL: 023 9231 4545 FAX: 023 9231 4590 mis@harwin.co.uk	HARWIN Asia TEL: +65 6 779 4909 FAX: +65 6 779 3868 mis@harwin.com.sg
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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: DATAMATE J-TEK HORIZ
PC-TAIL MALE ASSEMBLY
WITH 'REVERSE FIX' JACKSCREW

DRAWING NUMBER:

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SHT
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