

Customer Information Sheet

DRAWING No.: M80-5S2XXXXMR

SHEET 2 OF 2

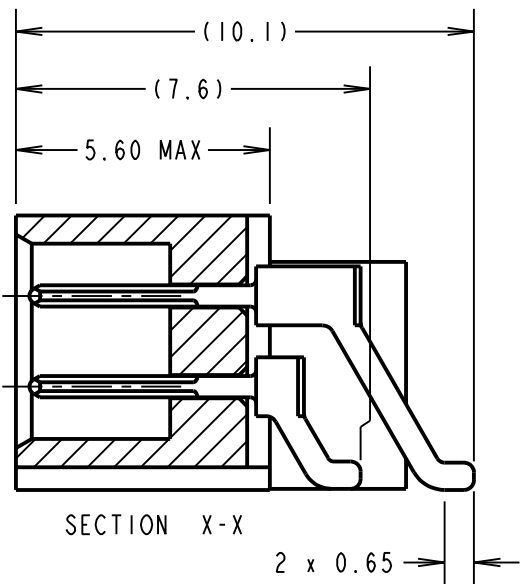
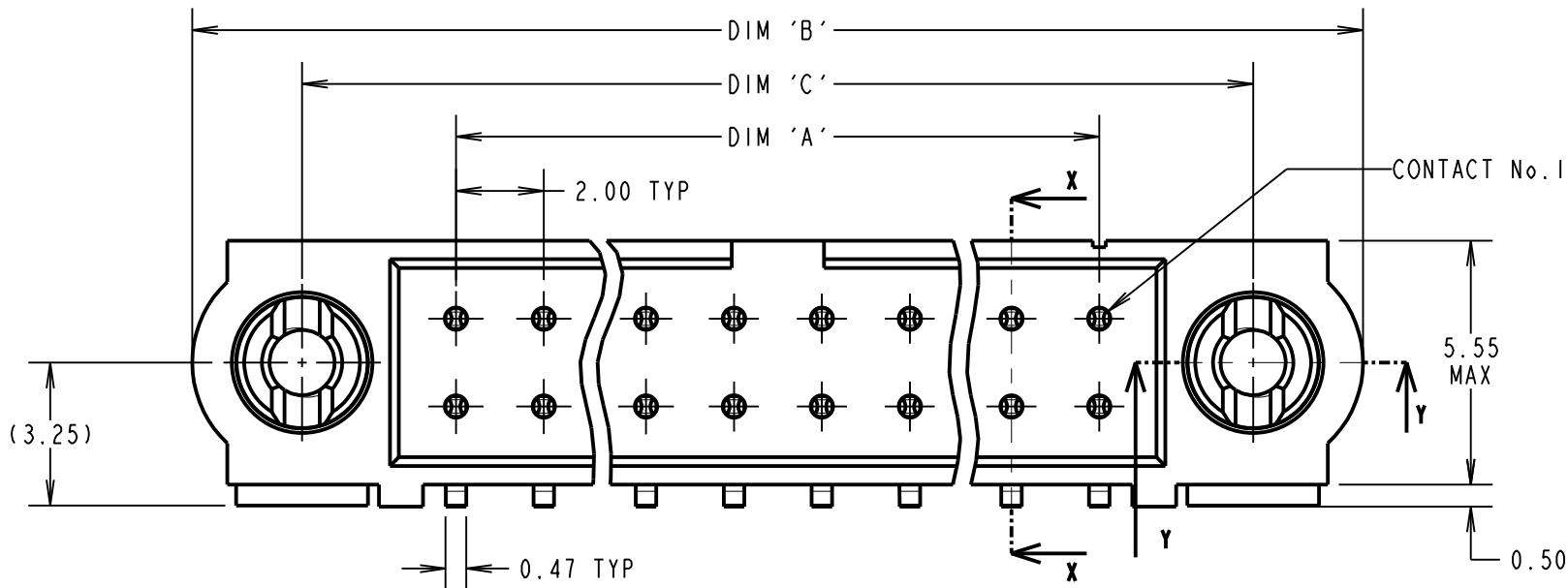
IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm



SPECIFICATIONS:

MATERIAL:

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

CONTACT = BRASS

IOILOK RETAINER = STAINLESS STEEL

FINISH:

05 = 0.75μ ALL OVER GOLD

22 = 0.75μ GOLD ON CONTACT AREA,
3μm 90/10 TIN/LEAD ON TAILS

42 = 0.75μ GOLD ON CONTACT AREA,
3μm 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 = 800V AC/DC

VOLTAGE PROOF = 1200V AC/DC

CONTACT RESISTANCE = 25 mΩ MAX

INSULATION RESISTANCE = 100 MΩ MIN

MECHANICAL:

DURABILITY = 500 OPERATIONS

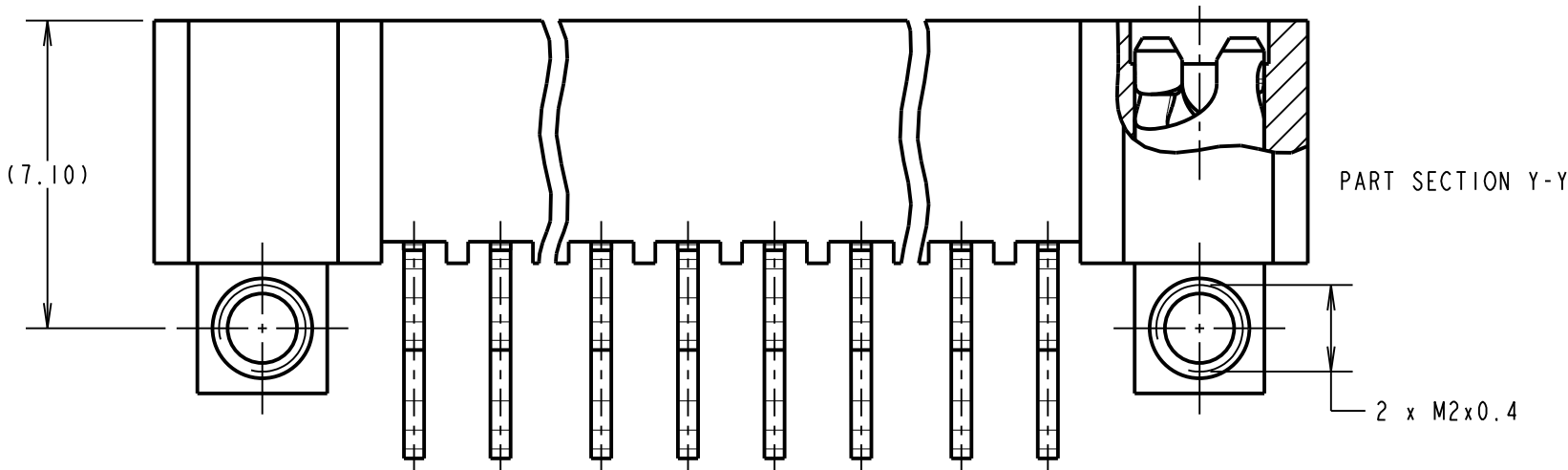
ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

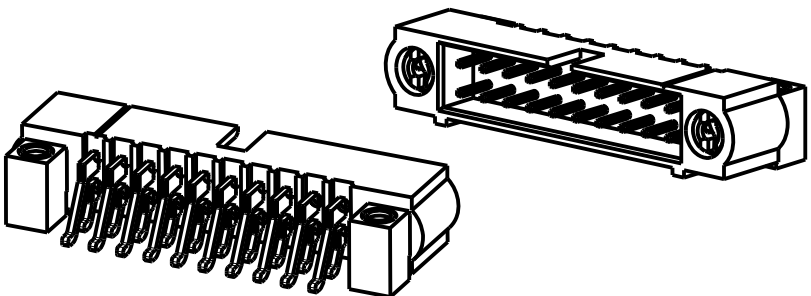
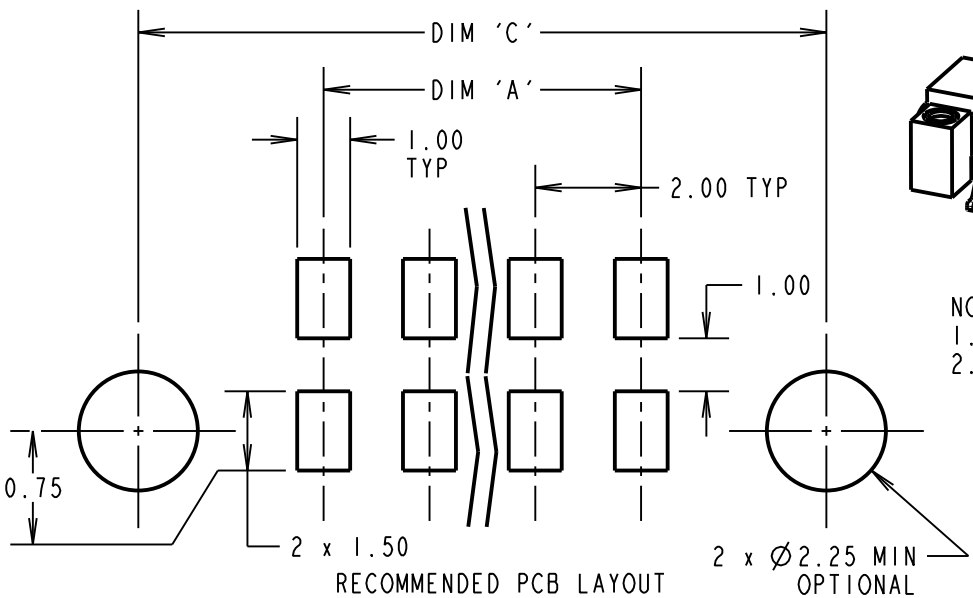
PACKING:

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 + 10
DIM 'C'	TOTAL No. OF CONTACTS + 5
EXAMPLE: CONNECTOR WITH 20 CONTACTS, GOLD ON CONTACT AREA AND 100% TIN OVER NICKEL ON TAIL, M80-5S22042MR	
DIM 'A' = 18.00mm, DIM 'B' = 30.00mm, DIM 'C' = 25.00mm	



NOTES:

1. RECOMMENDED BOARD MOUNT SCREW IS M2 x 5mm LONG.
2. BOARD MOUNT SCREW IS NOT INCLUDED.

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:

DATAMATE J-TEK DIL
HORIZONTAL SMT MALE ASSY WITH
IOILOK BOARD MOUNT RETAINERS

DRAWING NUMBER:

M80-5S2XXXXMR

SHT
2
OF 2

ORDER CODE:

M80-5S2XXXXMR

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

FINISH CODE

05 - ALL OVER GOLD

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

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

MSP	2	12.12.14	12724
NAME	ISS.	DATE	C/NOTE
APPROVED:		M.PERREN	
CHECKED:		M.PLESTED	
DRAWN:		M.G.PLESTED	
CUSTOMER REF.:			
ASSEMBLY DRG:			