

Customer Information Sheet

DRAWING No.: M80-512XXXXP

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 = PHOSPHOR BRONZE

JACKSCREW = STAINLESS STEEL

PICK & PLACE CAP = PHOSPHOR BRONZE

FINISH (CONTACTS):

05 = 0.75 μ GOLD ALL OVER22 = 0.75 μ GOLD ON CONTACT AREA,
3 μ 90/10 TIN/LEAD ON TAILS42 = 0.75 μ GOLD ON CONTACT AREA,
3 μ 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 m Ω MAXINSULATION RESISTANCE = 100 M Ω MIN

MECHANICAL:

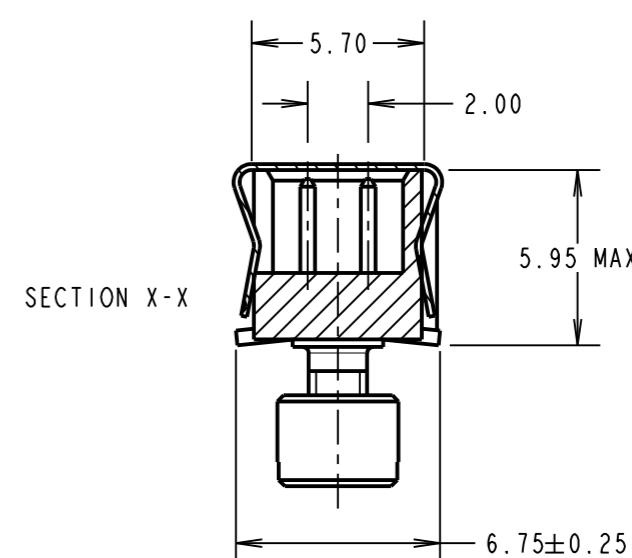
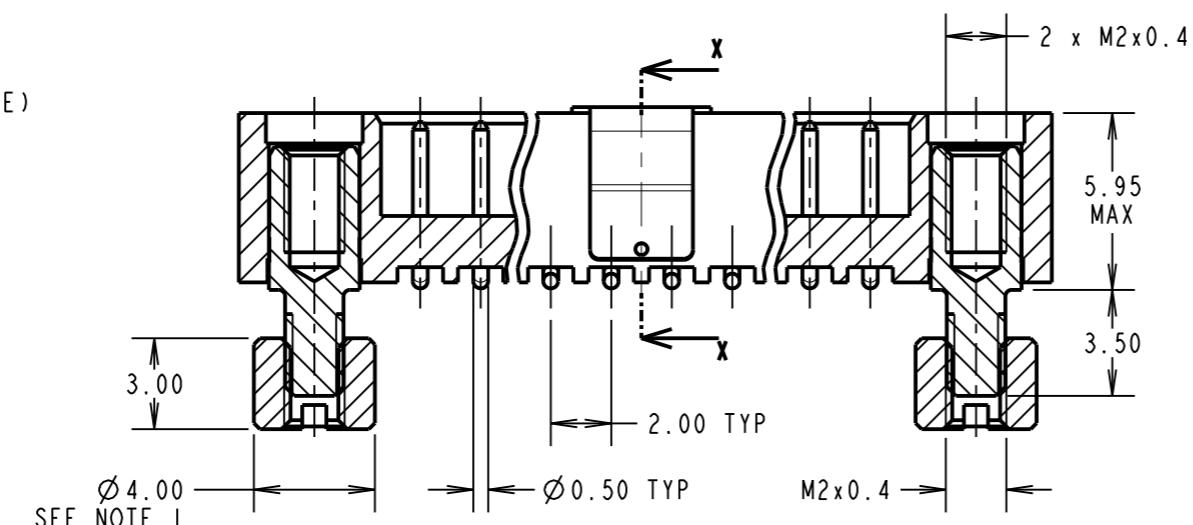
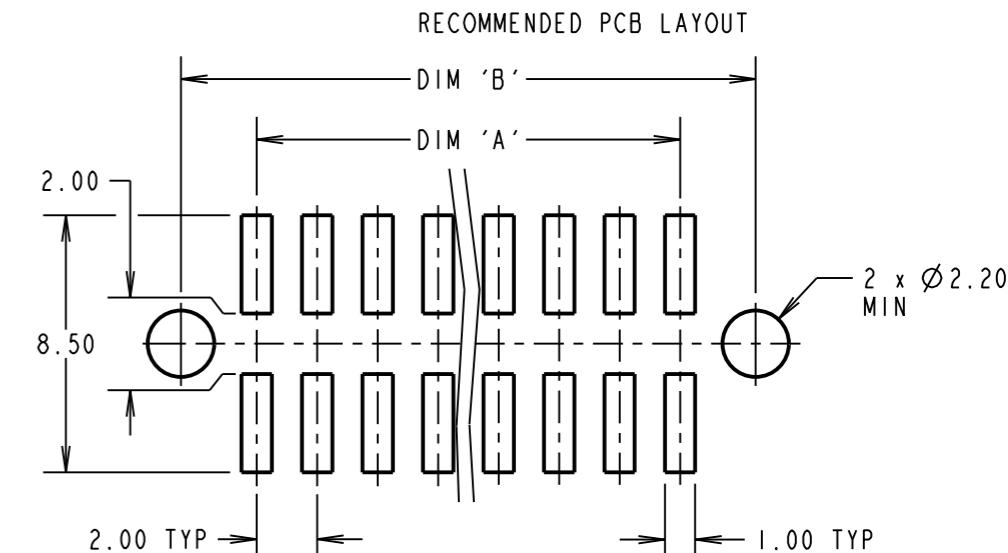
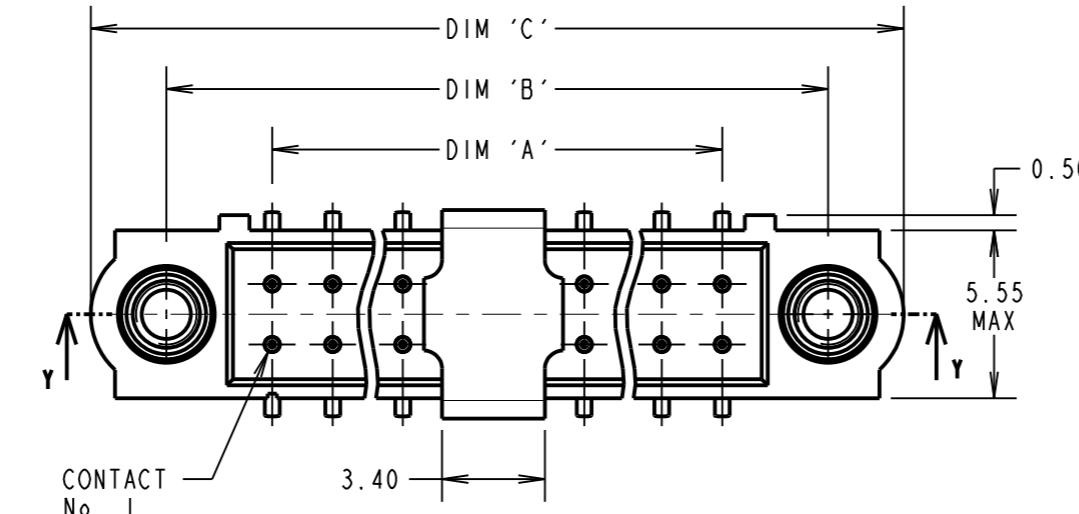
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING:

TUBE WITH FIXINGS IN ATTACHED BAG

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

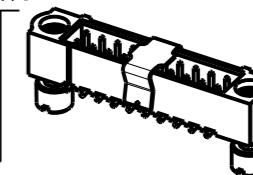
PART SECTION Y-Y

NOTES:

1. CONNECTOR IS SUPPLIED WITH BOARD MOUNT NUTS
NOT ASSEMBLED AS SHOWN. SUPPLIED LOOSE IN
BAG ATTACHED TO PACKING TUBE.

ORDER CODE:

M80-512XXXXP

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

FINISH

- 05 - GOLD ALL OVER
22 - GOLD ON CONTACT AREA / TIN/LEAD ON TAIL
42 - GOLD ON CONTACT AREA / 100% TIN ON TAIL

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 ON TAIL, M80-5122042P	
DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm	

MSP	7	04.04.16	13302
NAME	ISS.	DATE	C/NOTE
APPROVED:	M. PERREN		
CHECKED:	M. PLESTED		
DRAWN:	B. M. KENT		
CUSTOMER REF.:			
ASSEMBLY DRG.:			