

Customer Information Sheet

DRAWING No.: M80-522XXXXP

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

PICK & PLACE CAP = PHOSPHOR BRONZE

FINISH (CONTACTS):

NICKEL ALL OVER CONTACTS

05 = 0.75 μ ALL OVER GOLD

22 = 0.75 μ GOLD ON CONTACT AREA,

3 μ 90/10 TIN/LEAD ON TAILS

42 = 0.75 μ GOLD ON CONTACT AREA,

3 μ 100% TIN 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 = 25m Ω MAX

INSULATION RESISTANCE = 100M Ω MIN

MECHANICAL:

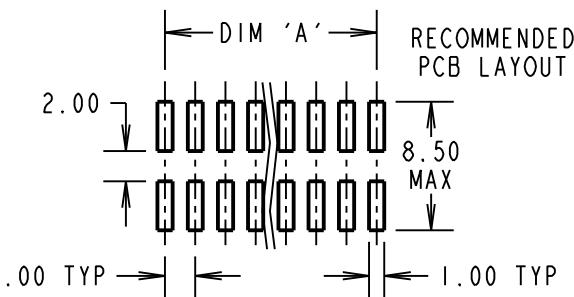
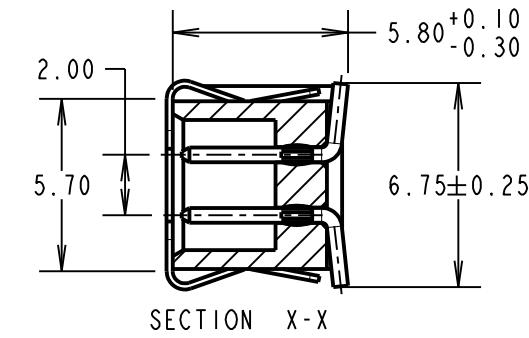
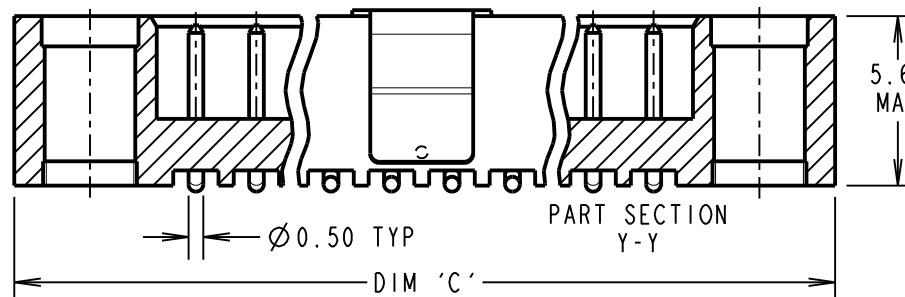
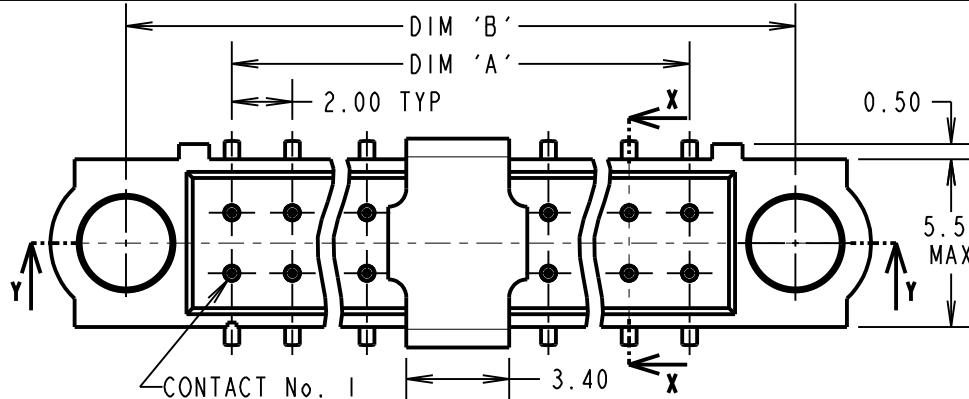
DURABILITY = 500 OPERATIONS

ENVIRONMENTAL:

TEMPERATURE RANGE = -55°C TO +125°C

PACKING: TUBE

FOR COMPLETE SPECIFICATION, SEE
COMPONENT SPEC. 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 ON TAIL, M80-5222042P

DIM 'A' = 18.00mm, DIM 'B' = 30.00mm

ORDER CODE:
M80-522XXXXP

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 ON TAIL

MSP	5	04.04.16	13302
NAME	ISS.	DATE	C/NOTE

APPROVED: M. PERREN

CHECKED: M. PLESTED

DRAWN: B. M. KENT

CUSTOMER REF.:

ASSEMBLY DRG.:

HARWIN

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TOLERANCES

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

ANGLES = $\pm 5^\circ$

UNLESS STATED

MATERIAL:

SEE ABOVE

FINISH: SEE ABOVE

S/AREA:

TITLE: JACKSCREW DATAMATE DIL VERTICAL SMT MALE P/PLACE (NO J/S)

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