

# Customer Information Sheet

DRAWING No.: M80-502XXXX

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, BLACKCONTACT = PHOSPHOR BRONZE  
JACKSCREW = STAINLESS STEEL**FINISH (CONTACTS):**

NICKEL ALL OVER CONTACTS

05 = 0.75 $\mu$  ALL OVER GOLD22 = 0.75 $\mu$  GOLD ON CONTACT AREA,  
3 $\mu$  90/10 TIN/LEAD ON TAILS42 = 0.75 $\mu$  GOLD ON CONTACT AREA,  
3 $\mu$  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

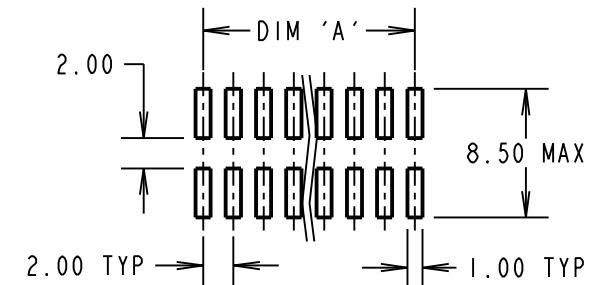
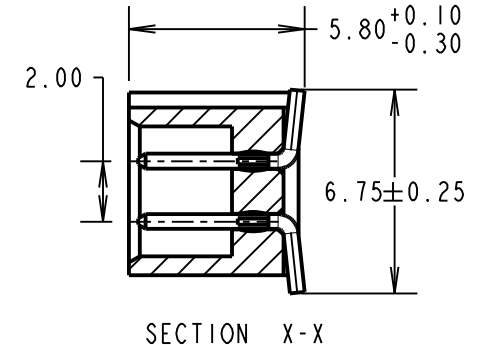
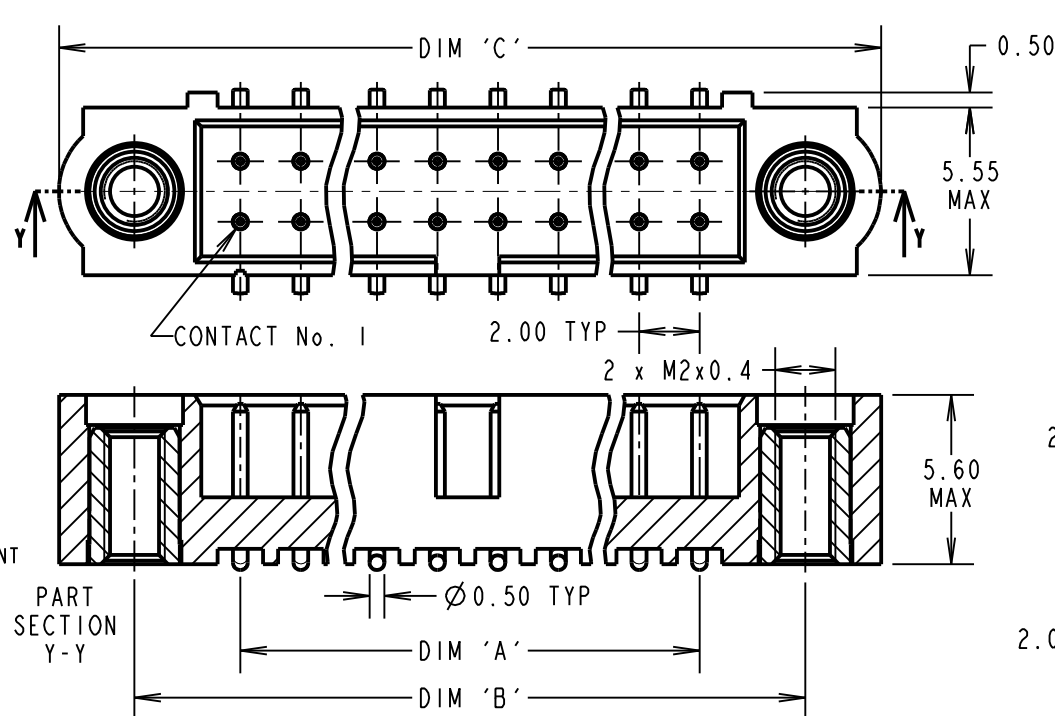
VOLTAGE PROOF = 1200V AC/DC

CONTACT RESISTANCE = 25m $\Omega$  MAXINSULATION RESISTANCE = 100M $\Omega$  MIN**MECHANICAL:**

DURABILITY = 500 OPERATIONS

**ENVIRONMENTAL:**

TEMPERATURE RANGE = -55°C TO +125°C

**PACKING:** TUBEFOR COMPLETE SPECIFICATION, SEE COMPONENT  
SPECIFICATION C005XX (LATEST ISSUE)

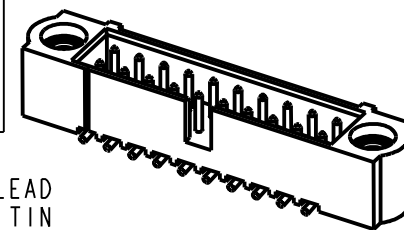
| DIMENSION                                                                             | CALCULATION                |
|---------------------------------------------------------------------------------------|----------------------------|
| DIM 'A'                                                                               | 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 CONTACT AREA AND 100% TIN TAIL, M80-5022042 |                            |
| DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm                               |                            |

**ORDER CODE:****M80-502XXXX**TOTAL No. OF CONTACTS  
04 TO 50  
(EVEN NUMBERS ONLY)**FINISH CODE**

05 - ALL OVER GOLD

22 - SELECTIVE GOLD + TIN/LEAD

42 - SELECTIVE GOLD + 100% TIN



|                    |      |          |        |
|--------------------|------|----------|--------|
| MSP                | 6    | 04.04.16 | 13302  |
| NAME               | ISS. | DATE     | C/NOTE |
| APPROVED: M.PERREN |      |          |        |
| CHECKED: M.PLESTED |      |          |        |
| DRAWN: B. M. KENT  |      |          |        |
| CUSTOMER REF.:     |      |          |        |
| ASSEMBLY DRG:      |      |          |        |

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OR USED FOR MANUFACTURING,  
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OTHER PURPOSE WITHOUT  
THEIR WRITTEN PERMISSION.**TOLERANCES**X. =  $\pm 1$ mmX.X =  $\pm 0.50$ mmX.XX =  $\pm 0.10$ mmX.XXX =  $\pm 0.01$ mmANGLES =  $\pm 5^\circ$ 

UNLESS STATED

**MATERIAL:**

SEE ABOVE

FINISH: SEE ABOVE

S/AREA: mm<sup>2</sup>TITLE: JACKSCREW DATAMATE  
DIL VERTICAL SMT  
MALE ASSEMBLY

DRAWING NUMBER:

**M80-502XXXX**SHT  
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