

# Customer Information Sheet

DRAWING No.: M80-522XXXX

SHT 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 = PHOSPHOR BRONZE

**FINISH (CONTACTS):**

NICKEL ALL OVER CONTACTS

05 = 0.75µ ALL OVER GOLD

22 = 0.75µ GOLD ON CONTACT AREA,

3µ TIN/LEAD ON TAILS

42 = 0.75µ GOLD ON CONTACT AREA,

3µ 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 = 25mΩ MAX

INSULATION RESISTANCE = 100MΩ MIN

**MECHANICAL:**

DURABILITY = 500 OPERATIONS

**ENVIRONMENTAL:**

TEMPERATURE RANGE = -55°C TO +125°C

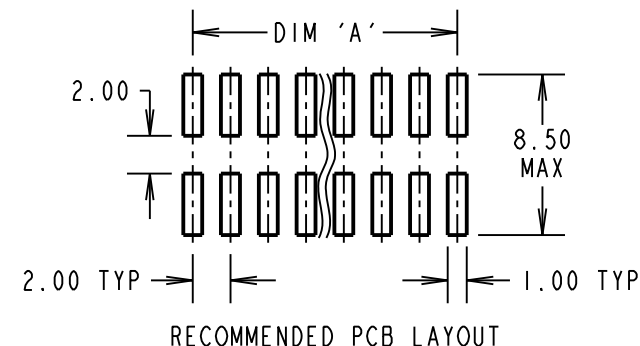
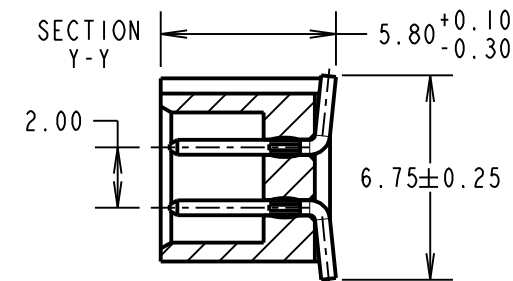
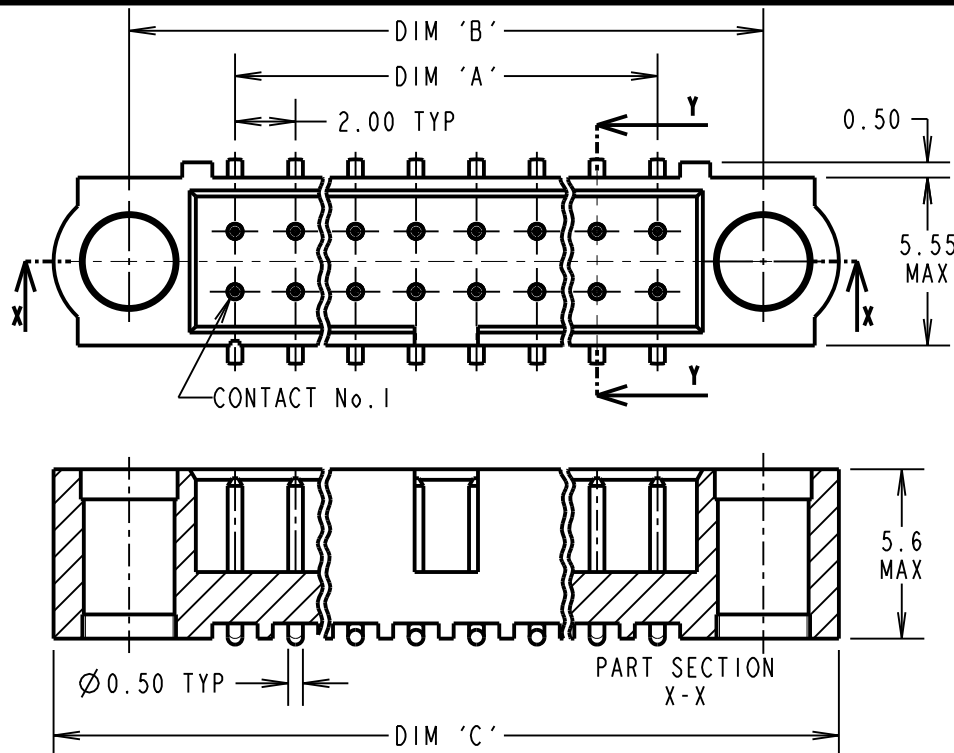
**PACKING:**

TUBE

FOR COMPLETE SPECIFICATION, SEE

COMPONENT SPECIFICATION C005XX

(LATEST ISSUE)



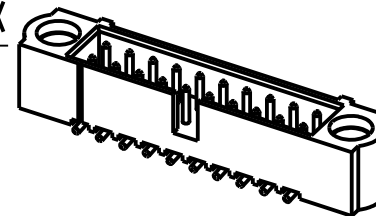
| DIMENSION                                                                                   | CALCULATION                |
|---------------------------------------------------------------------------------------------|----------------------------|
| DIM 'A'                                                                                     | 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 ON TAIL, M80-5222042 |                            |
| DIM 'A' = 18.00mm, DIM 'B' = 25.00mm, DIM 'C' = 30.00mm                                     |                            |

**ORDER CODE:****M80-522XXXX**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            | 6    | 04.04.16   | 13302  |
| NAME           | ISS. | DATE       | C/NOTE |
| APPROVED:      |      | M.PERREN   |        |
| CHECKED:       |      | M.PLESTED  |        |
| DRAWN:         |      | B. M. KENT |        |
| CUSTOMER REF.: |      |            |        |
| ASSEMBLY DRG:  |      |            |        |

**HARWIN**www.harwin.com  
technical@harwin.comTHIS DRAWING AND ANY  
INFORMATION OR DESCRIPTIVE  
MATTER SET OUT HEREON ARE  
CONFIDENTIAL AND COPYRIGHT  
PROPERTY OF THE HARWIN  
GROUP AND MUST NOT BE  
DISCLOSED, LOANED, COPIED  
OR USED FOR MANUFACTURING,  
TENDERING OR FOR ANY  
OTHER PURPOSE WITHOUT  
THEIR WRITTEN PERMISSION.**TOLERANCES**

X. = ±1mm

X.X = ±0.50mm

X.XX = ±0.10mm

X.XXX = ±0.01mm

ANGLES = ±5°

UNLESS STATED

**MATERIAL:**

SEE ABOVE

**FINISH:**

SEE ABOVE

**S/AREA:**mm<sup>2</sup>**TITLE:**JACKSCREW DATAMATE  
DIL VERTICAL SMT  
MALE ASSEMBLY (NO J/S)**DRAWING NUMBER:****M80-522XXXX**SHT  
2  
OF 2

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Harwin:

[M80-5221022](#) [M80-5222042](#) [M80-5225042](#) [M80-5225022](#) [M80-5220642](#) [M80-5221242](#) [M80-5221422](#) [M80-5221442](#) [M80-5221822](#) [M80-5221842](#) [M80-5222622](#) [M80-5222642](#) [M80-5223442](#) [M80-5224222](#) [M80-5225005](#) [M80-5223842](#) [M80-5220442](#) [M80-5220605](#) [M80-5220842](#) [M80-5223042](#) [M80-5221605](#) [M80-5222005](#) [M80-5220405](#) [M80-5222405](#) [M80-5220805](#) [M80-5221405](#) [M80-5221205](#) [M80-5223022](#) [M80-5220422](#) [M80-5221622](#) [M80-5220822](#) [M80-5222422](#)