

# Customer Information Sheet

DRAWING No.: M50-19X0005

SHEET 2 OF 2

IF IN DOUBT - ASK

©

NOT TO SCALE

THIRD ANGLE PROJECTION

ALL DIMENSIONS IN mm

**SPECIFICATION.**

**MATERIAL:**

INSULATOR = PBT, UL94V-0  
FOR COLOUR SEE TABLE

CONTACT = COPPER ALLOY

**FINISH:**

0.025µ MIN GOLD FLASH OVER

0.81µ MIN NICKEL

**ELECTRICAL:**

CURRENT RATING = 1 AMP

INSULATION RESISTANCE = 1000M Ω MIN.

CONTACT RESISTANCE = 20m Ω MAX

DIELECTRIC VOLTAGE = 500V AC FOR ONE MINUTE

**MECHANICAL:**

INSERTION FORCE = 10.0N MAX

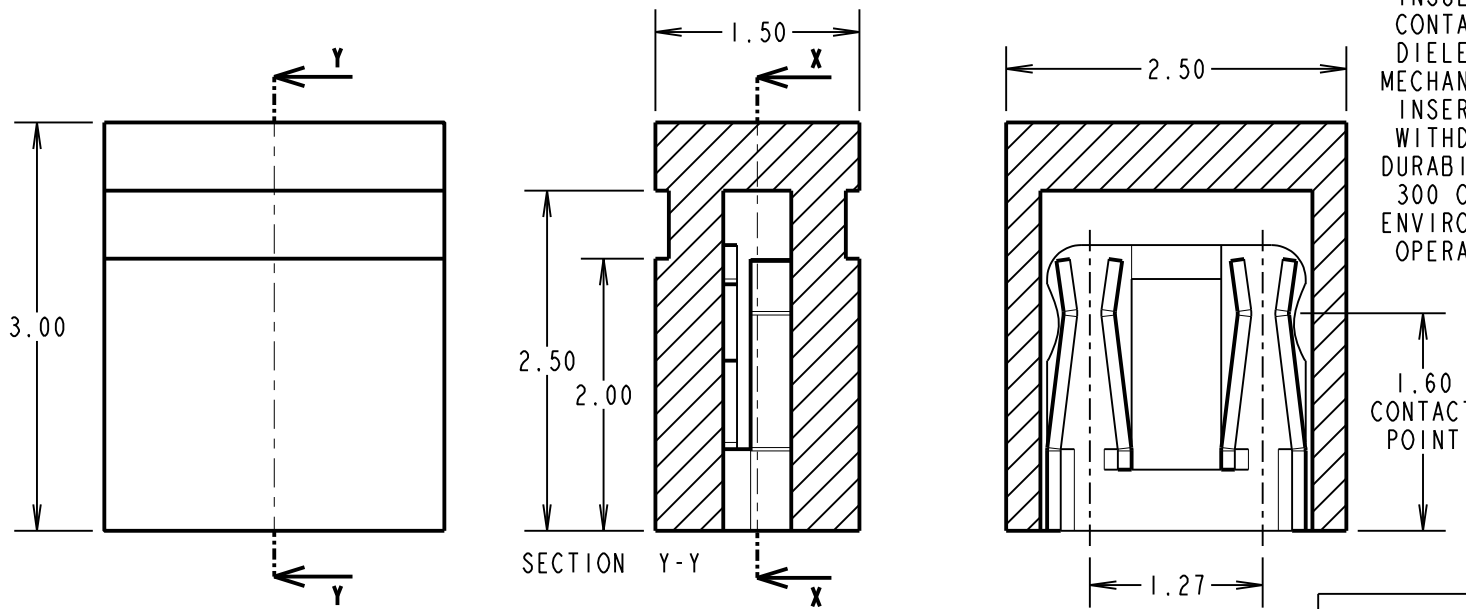
WITHDRAWAL FORCE = 0.6N MIN

**DURABILITY:**

300 OPERATIONS

**ENVIRONMENTAL:**

OPERATING TEMPERATURE = -40°C TO +105°C



NOTES:  
1. ALL TOLERANCES ARE ±0.13 UNLESS OTHERWISE STATED.

| PART No.    | COLOUR |
|-------------|--------|
| M50-1900005 | BLACK  |
| M50-1920005 | RED    |
| M50-1930005 | BLUE   |

|                |      |           |        |
|----------------|------|-----------|--------|
| MSP            | 3    | 18.04.17  | 20396  |
| NAME           | ISS. | DATE      | C/NOTE |
| APPROVED:      |      | M.PERREN  |        |
| CHECKED:       |      | S.BENNETT |        |
| DRAWN:         |      | R.ADDE    |        |
| CUSTOMER REF.: |      |           |        |
| ASSEMBLY DRG:  |      |           |        |

**HARWIN**

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**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:**  
1.27mm JUMPER SOCKET  
**DRAWING NUMBER:**  
**M50-19X0005**