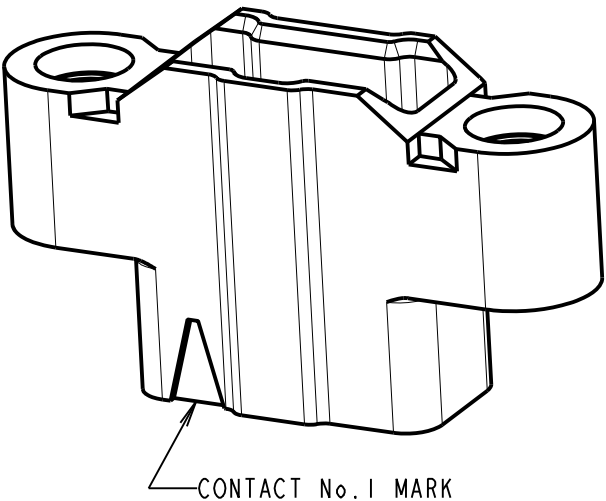
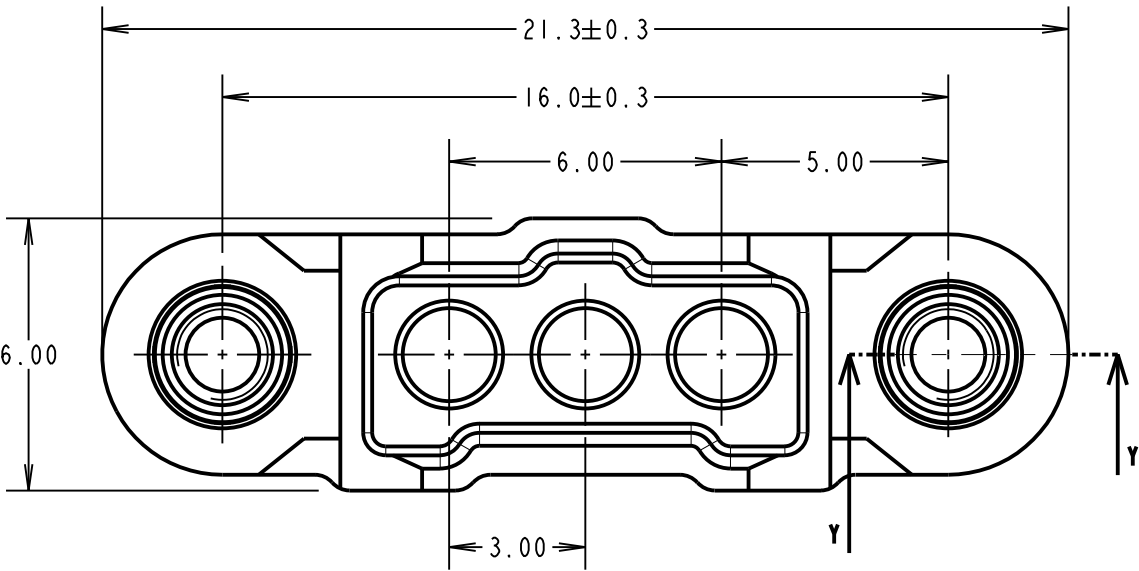
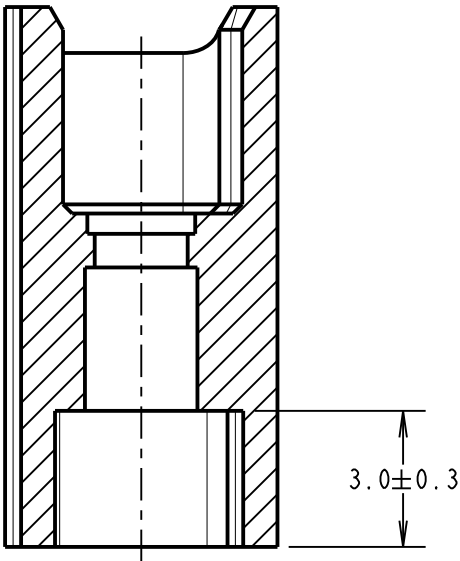
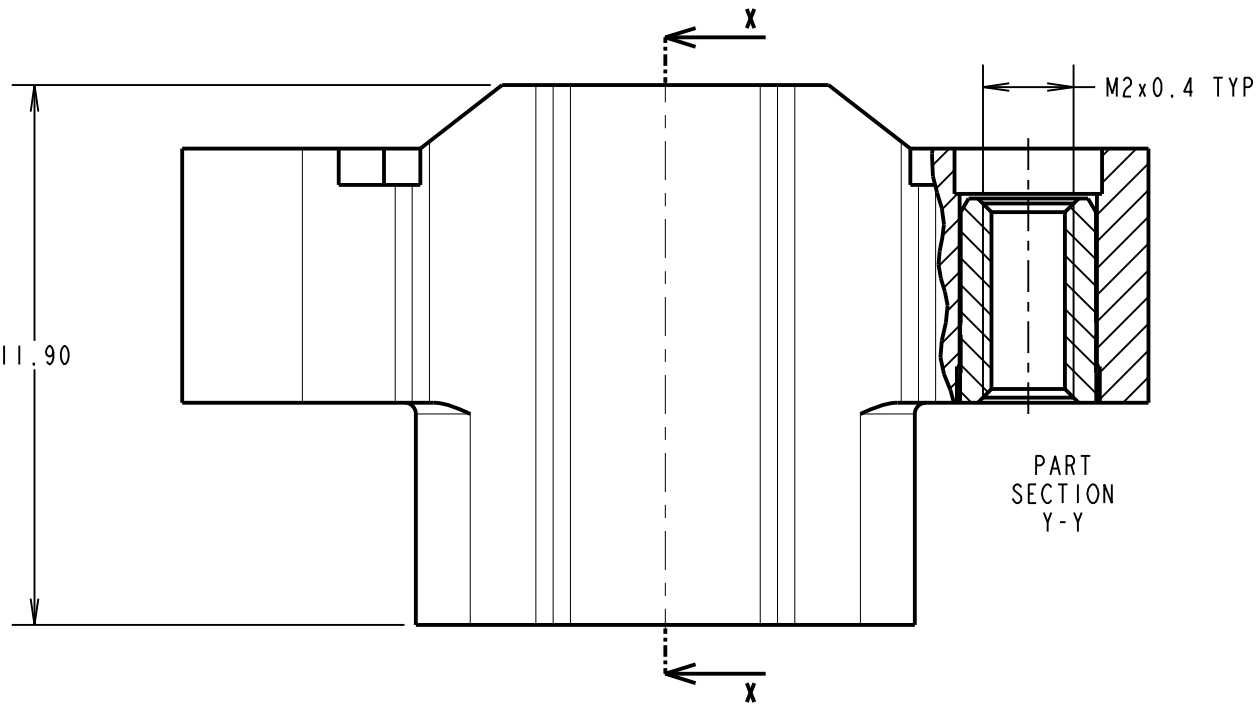


# Customer Information Sheet

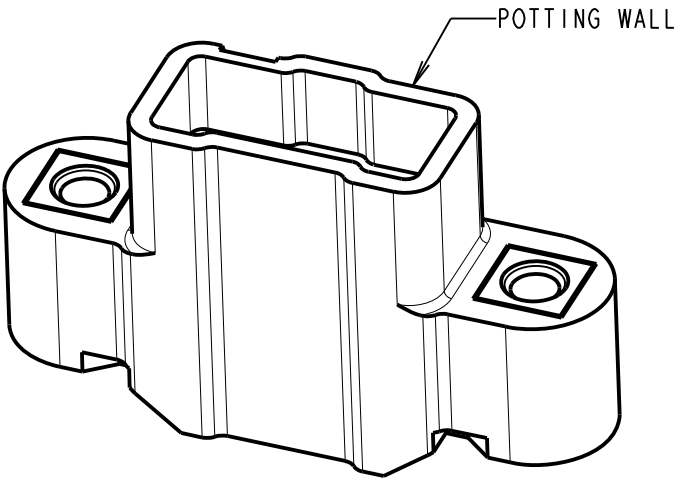
DRAWING No.: M300-3250396M1      IF IN DOUBT - ASK      ©      NOT TO SCALE      THIRD ANGLE PROJECTION      ALL DIMENSIONS IN mm



SPECIFICATIONS:  
MATERIAL:  
  MOULDING = GLASS-FILLED PA46 UL94V-0, GREEN  
  CONTACT = BRASS  
  JACKSCREW = STAINLESS STEEL  
FINISH:  
  CONTACT = 0.25-0.3µ GOLD OVER NICKEL  
ELECTRICAL:  
  CURRENT RATING:  
    5A MAX WITH 22 AWG M300-1020045 CONTACTS  
    10A MAX WITH 18 AWG M300-1010045 CONTACTS  
  WORKING VOLTAGE = 600V AC/DC  
  VOLTAGE PROOF = 1800V AC/DC  
  CONTACT RESISTANCE = 6mΩ MAX  
  INSULATION RESISTANCE = 100MΩ MIN  
MECHANICAL:  
  DURABILITY = 1000 OPERATIONS  
  INSERTION FORCE (Ø1.0mm GAUGE) = 9.0N MAX  
  WITHDRAWAL FORCE (Ø1.0mm GAUGE) = 1.0N MIN  
ENVIRONMENTAL:  
  TEMPERATURE RANGE = -65°C TO +175°C  
PACKING:  
  BAG  
FOR COMPLETE SPECIFICATION, SEE COMPONENT SPECIFICATION C048XX (LATEST ISSUE)



SECTION X-X



- NOTES:
- FOR USE WITH M300-1010045 & M300-1020045 CONTACTS (NOT INCLUDED).  
M300-0010045 CONTACTS ARE SUITABLE FOR WIRE GAUGE 18 & 20 AWG.  
MAXIMUM INSULATION DIAMETER Ø1.80mm.  
M300-0020045 CONTACTS ARE SUITABLE FOR WIRE GAUGE 22 AWG.  
MAXIMUM INSULATION DIAMETER Ø1.40mm.  
BS3G210 TYPE A WIRE RECOMMENDED.
  - RECOMMENDED CRIMP TOOL = M22520/2-01, POSITIONER = Z80-058,
  - FOR INSTRUCTIONS ON HAND CRIMP TOOL M22520/2-01, SEE INSTRUCTION SHEET IS-01. STRIP WIRE BY 2.00mm FOR CRIMPING.
  - RECOMMENDED MATING PIN SIZE = Ø1.05-0.90mm.

**HARWIN**  
www.harwin.com  
technical@harwin.com

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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: mm²

TITLE: 1mm POWER CONNECTOR  
SIL CRIMP HOUSING WITH  
POTTING WALL MALE ASSEMBLY  
DRAWING NUMBER:  
**M300-3250396M1**  
SHT 2 OF 2

|                       |      |          |        |
|-----------------------|------|----------|--------|
| MGP                   | I    | 30.03.15 | 12872  |
| NAME                  | ISS. | DATE     | C/NOTE |
| APPROVED: MGP         |      |          |        |
| CHECKED: SB           |      |          |        |
| DRAWN: MARK G PLESTED |      |          |        |
| CUSTOMER REF.:        |      |          |        |
| ASSEMBLY DRG:         |      |          |        |