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REVISIONS

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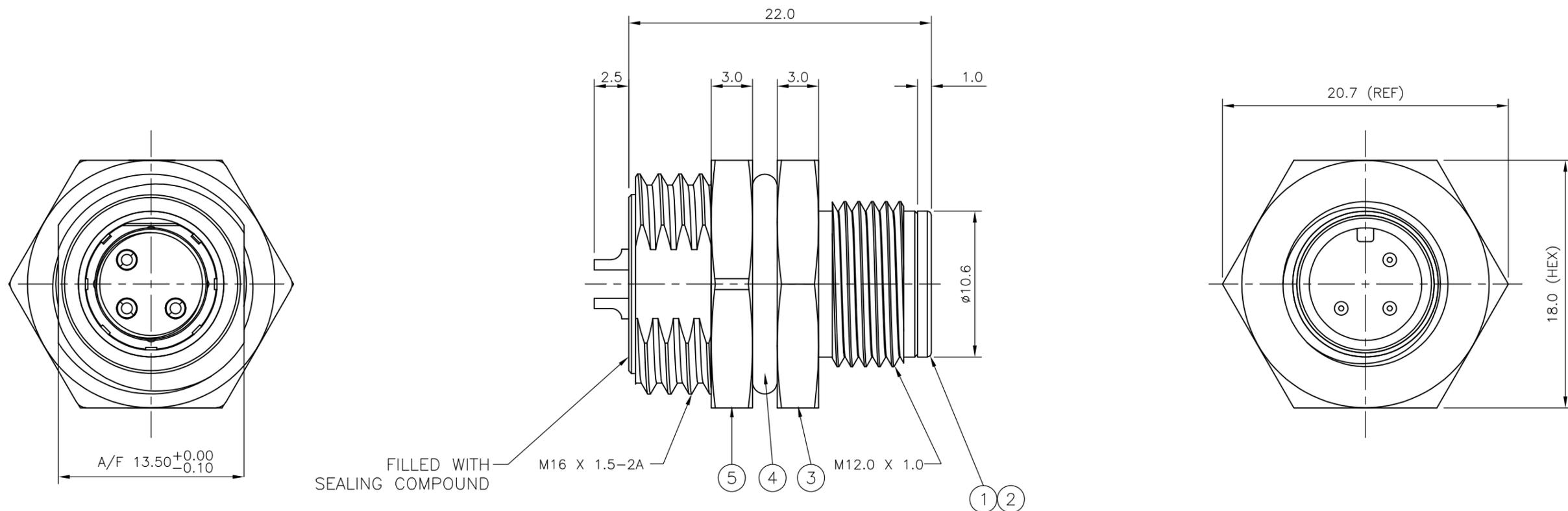
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| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------------------------------|-----------|-----|------|
| | C2 | ALLOWABLE WIRE SIZES ADDED IN TABLE | 07JUL2015 | TJ | NG |

NOTES:

- ELECTRICAL DATA: CONTACT RESISTANCE: 10 mOhm MAX
INSULATION RESISTANCE: 100 MOhm MIN at 500VDC
CURRENT RATING: 5 AMPS (FOR 3, 4 AND 5 POSITIONS) AND 2 AMPS (FOR 8 POSITION ONLY)
BREAKDOWN VOLTAGE: 500 VAC MIN PER MINUTE
- ENVIRONMENTAL: OPERATING TEMPERATURE: -25°C TO +90°C
SEALING REQUIREMENTS: IP67
- PACKAGING: 107-3334
- FOR TECHNICAL DATA REFER TO YOUR LOCAL TE CONNECTIVITY SALES OFFICE.
- ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.

| ITEM | DESCRIPTION | MATERIAL | FINISH/COLOUR | QUANTITY / ITEM | | | |
|------|-------------------|---------------|-------------------------|-----------------|----|----|----|
| | | | | -1 | -2 | -3 | -4 |
| 1 | CONNECTOR HOUSING | GF NYLON | BLACK | 1 | 1 | 1 | 1 |
| 2 | PIN CONTACT | BRASS | 0.15µm GOLD OVER NICKEL | 3 | 4 | 5 | 8 |
| 3 | CONNECTOR BODY | ZINC DIE CAST | 2.5µm NICKEL PLATED | 1 | 1 | 1 | 1 |
| 4 | 'O' RING | EPDM | BLACK | 1 | 1 | 1 | 1 |
| 5 | SCREW NUT | ZINC DIE CAST | 2.5µm NICKEL PLATED | 1 | 1 | 1 | 1 |



| ALLOWABLE WIRE SIZE | DESCRIPTION | NO. OF POS | PART NUMBER |
|---------------------|---|------------|-------------|
| 24AWG | M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (HEXAGONAL) MOUNTING | 8 | 1838893-4 |
| 22AWG | M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (HEXAGONAL) MOUNTING | 5 | 1838893-3 |
| 22AWG | M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (HEXAGONAL) MOUNTING | 4 | 1838893-2 |
| 22AWG | M12 METAL MALE PANEL MOUNT CONNECTOR, SOLDER, STRAIGHT, REAR (HEXAGONAL) MOUNTING | 3 | 1838893-1 |

| | | | | |
|--|--|-----------------------------------|---|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN A.Morey 05MAR07 | STE TE Connectivity | |
| DIMENSIONS: mm | | CHK F.Wheeler-King 08MAR07 | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD F.Wheeler-King 08MAR07 | NAME M12 METAL MALE PANEL MOUNT CONN, SOLDER, ST, REAR MOUNTING | |
| 0 PLC ± - | | PRODUCT SPEC 108-3641 | SIZE A3 | |
| 1 PLC ± - | | APPLICATION SPEC | CAGE CODE 00779 | DRAWING NO C-1838893 |
| 2 PLC ± - | | WEIGHT | RESTRICTED TO | |
| 3 PLC ± - | | | SCALE NTS | |
| 4 PLC ± - | | | SHEET 1 OF 2 | |
| ANGLES ± - | | | REV C2 | |
| FINISH | | | CUSTOMER DRAWING | |

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| REVISIONS | | | | |
|-----------|-----|-------------|------|------|
| P | LTR | DESCRIPTION | DATE | APVD |
| - | - | SEE SHEET 1 | - | - |

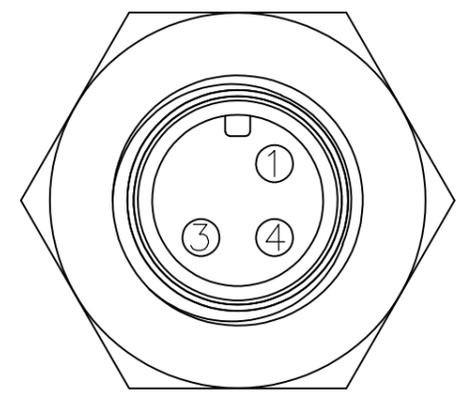
1838893-1

1838893-2

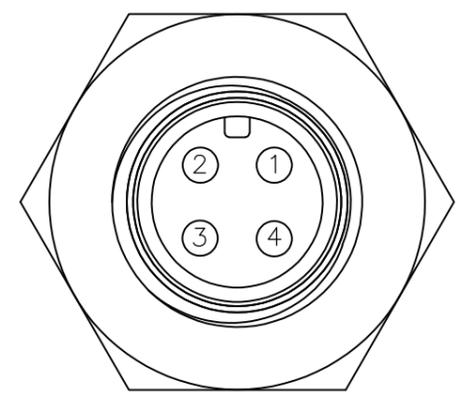
1838893-3

1838893-4

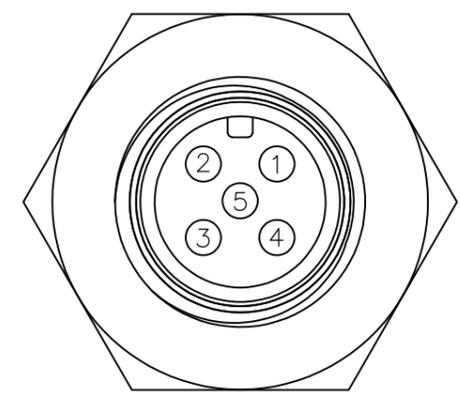
PIN ASSIGNMENTS
FRONT VIEW



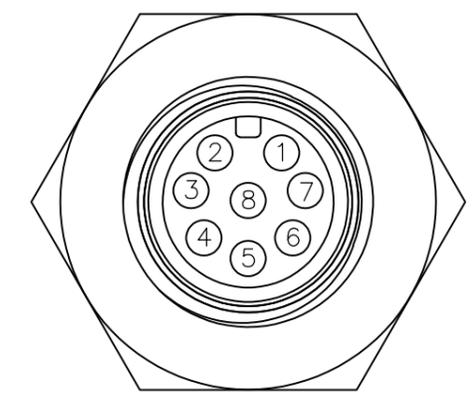
PIN ASSIGNMENTS
FRONT VIEW



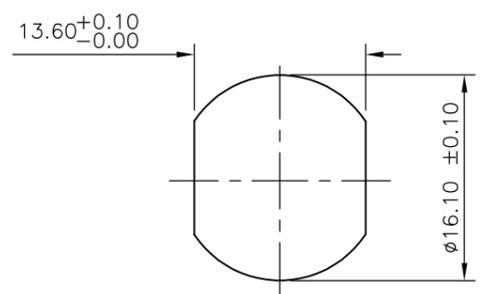
PIN ASSIGNMENTS
FRONT VIEW



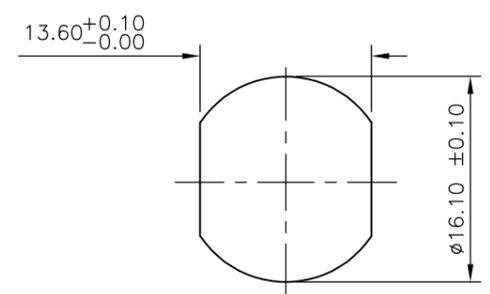
PIN ASSIGNMENTS
FRONT VIEW



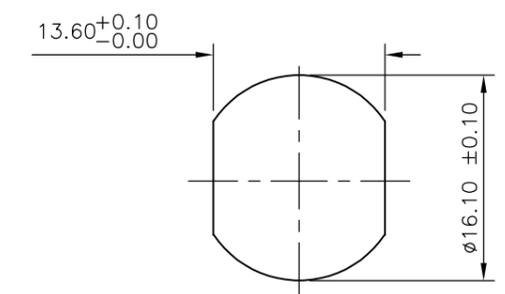
RECOMMENDED PANEL CUT-OUT
(MAX PANEL THICKNESS 4.5mm)



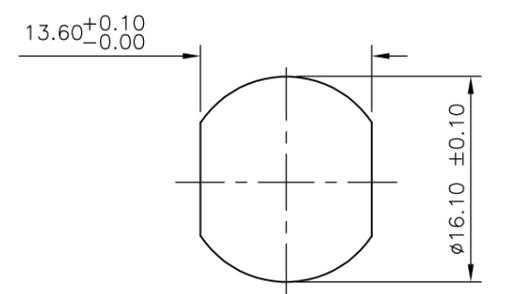
RECOMMENDED PANEL CUT-OUT
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(MAX PANEL THICKNESS 4.5mm)



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| | |
|-------------------|--|
| DIMENSIONS: mm | TOLERANCES UNLESS OTHERWISE SPECIFIED: |
| | 0 PLC ± - |
| | 1 PLC ± - |
| | 2 PLC ± - |
| | 3 PLC ± - |
| | 4 PLC ± - |
| | ANGLES ± - |
| MATERIAL | FINISH |
| - | - |

| | | |
|------------------|----------------|---------|
| DWN | A.Morey | 05MAR07 |
| CHK | F.Wheeler-King | 08MAR07 |
| APVD | F.Wheeler-King | 08MAR07 |
| PRODUCT SPEC | 108-3641 | |
| APPLICATION SPEC | - | |
| WEIGHT | - | |
| CUSTOMER DRAWING | | |



| | | | | | | | |
|-------|-----------|------------|---------------|---|--|----|--|
| NAME | | | | M12 METAL MALE PANEL MOUNT CONN, SOLDER, ST, REAR MOUNTING | | | |
| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO | - | | | |
| A3 | 00779 | C-1838893 | - | - | | | |
| SCALE | | SHEET | | REV | | C2 | |
| NTS | | 2 OF 2 | | | | | |

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