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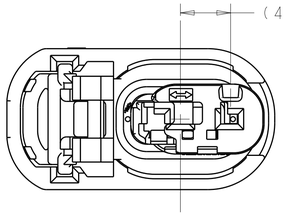
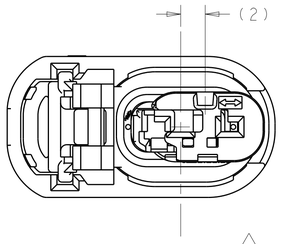
REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | A | RELEASED PER ECO-16-011235 | 01AUG2016 | DD | MB |




KEY CODE "A"
SCALE 4:1

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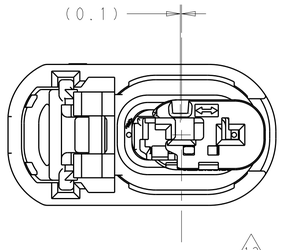
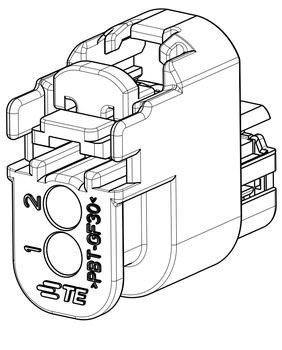
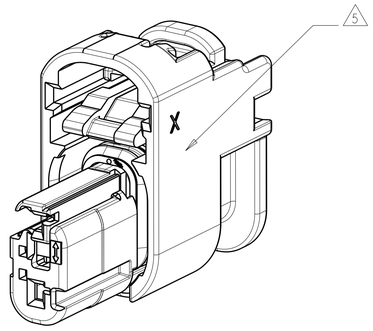
SCALE 4:1

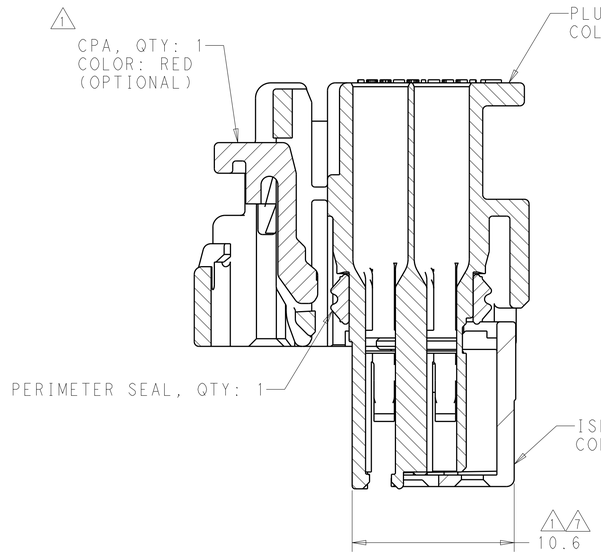



KEY CODE "C"
SCALE 4:1

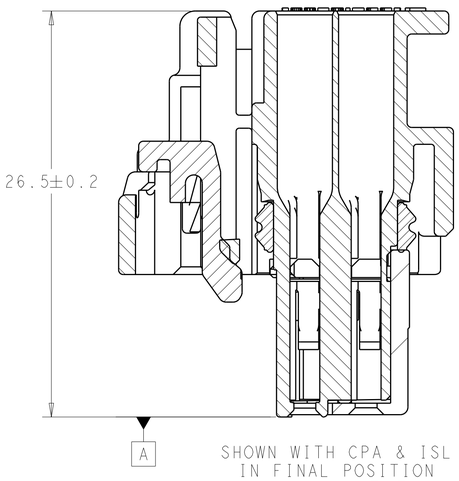


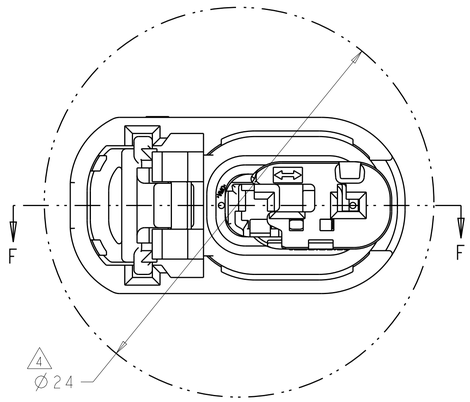

REF VIEW
SCALE 4:1



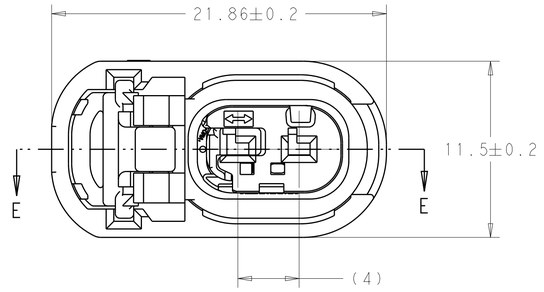

SHOWN WITH CPA & ISL
IN SHIPPING POSITION
SECTION F-F



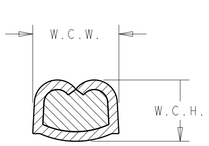

SHOWN WITH CPA & ISL
IN FINAL POSITION
SECTION E-E



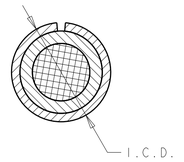

ISL SHOWN IN
PRE-LATCHED (AS-SHIPPED) POSITION
SCALE 5:1




ISL SHOWN IN
FINAL (LOCKED) POSITION - REF ONLY
SCALE 5:1




WIRE CRIMP
DIMENSIONS




INSULATION CRIMP
DIMENSIONS

1. ISL AND CPA (WHEN APPLICABLE) ARE SHIPPED IN THEIR PRE-LATCHED POSITIONS.
2. TERMINALS SOLD SEPARATELY. FOR USE WITH TE MCON 1.2mm CLEAN BODY CONTACT WITH WIRE SEAL. SEE TABLE.
3. APPLICABLE INTERFACE DRAWINGS: CONTACT TE CONNECTIVITY.
4. MINIMUM FEED THROUGH CONDITION WITH 1.0mm CLEARANCE ALL AROUND.
5. TRACEABILITY CODE (YY = TWO DIGIT YEAR, JJJ = 3 DIGIT JULIAN DAY, S = 1 DIGIT SHIFT) - LOCATED ON PLANE INDICATED.
6. FOR OPTIONAL TERMINAL CAVITY BLOCKING, CONTACT TE SALES REPRESENTIVE OR CUSTOMER SERVICE.
7. SEE INSTRUCTION SHEET 408-32103 FOR CONNECTOR SERVICE AND ISL OPERATION. ISL ACTUATION DISTANCE IS 2.0mm.
8. CONTACT PLATING AND APPLICABLE INDIVIDUAL WIRE SEAL ARE APPLICATION DEPENDENT. CONTACT TE SALES REPRESENTATIVE OR CUSTOMER SERVICE FOR DETAILS.
9. FOR WIRE CRIMP DETAILS, SEE TE APPLICATION SPECIFICATION 114-18464.
10. DOCUMENTED I.C.D. IS SPECIFIED TO MEET MOST WIRE SEAL APPLICATIONS. HOWEVER, I.C.D. IS HIGHLY DEPENDENT ON INSULATION TYPE AND OD. SUFFICIENT GRIP OF THE WIRE SEAL MUST BE OBTAINED SUCH THAT WIRE SEAL DOES NOT DISPLACE FROM INSULATION GRIP DURING CONTACT INSERTION INTO CONNECTOR HOUSING. THE WIRE SEAL SHALL NOT BE CRIMPED TOO TIGHTLY THAT THE WIRE SEAL TEARS DURING THE CRIMPING OPERATION.
11. CONNECTOR VALIDATION PER GMW3191 T4,V4,S3 WITH THE FOLLOWING EXCEPTIONS:

    PRIMARY TERMINAL RETENTION FORCE > 25 NEWTONS.

12. KEY CODE DIMENSIONS ARE SHOWN WITH ISL IN PRE-LATCHED POSTION. FOR DIMENSION OF KEY WITH ISL IN FINAL POSITION, ADJUST SHOWN DIMENSIONS BY 2.0mm.
13. NOTE REMOVED

| 150°C 8 | 1418844 | 9 | 9 | 10 | 8 |
|---|---|---|---|---|---|
| | 1670146 | | | | |
| | 1418850 | | | | |
| MAX TEMP | FEMALE TERMINAL P/N | W.C.H | W.C.W | I.C.D | WIRE SEAL PART NUMBER |

| | | | |
|---|---|---|---|
| YES | DK GRAY | KEY CODE "C" | 1-2291436-3 |
| | LT GRAY | KEY CODE "B" | 1-2291436-2 |
| | BLUE | KEY CODE "A" | 1-2291436-1 |
| NO | DK GRAY | KEY CODE "C" | 2291436-3 |
| | LT GRAY | KEY CODE "B" | 2291436-2 |
| | BLUE | KEY CODE "A" | 2291436-1 |
| CPA | ISL COLOR | KEY CONFIGURATION | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.3
2 PLC ±0.1
3 PLC ±-
4 PLC ±-
ANGLES ±3°

MATERIAL -
FINISH -

DWN CHETHAN K 08APR2015
CHK M BRENNER 09APR2015
APVD M BRENNER 10APR2015
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME PLUG ASSEMBLY, SIDE LATCH, 2P, MCON 1.2, HP

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-2291436 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV A