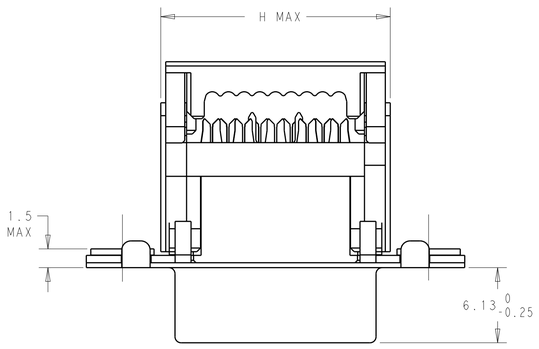
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 2011
© COPYRIGHT 2011 - ALL RIGHTS RESERVED.

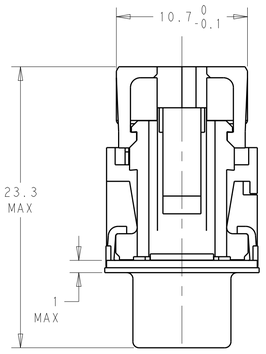
| LOC | DIST |
|---|---|
| GP | 00 |

REVISIONS

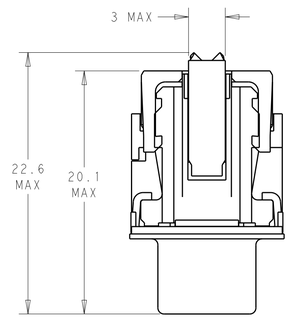
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | F | REDRAWN PER ECO-12-008266 | 28AUG2012 | CJV | CWR |
| | G | REVISED PER ECO-13-006091 | 30APR2013 | CJV | CWR |
| | H | REVISED PER ECO-13-007439 | 09JUL2013 | CJV | CWR |
| | J | REVSIED PER ECO-13-008130 | 21AUG2013 | CJV | CWR |

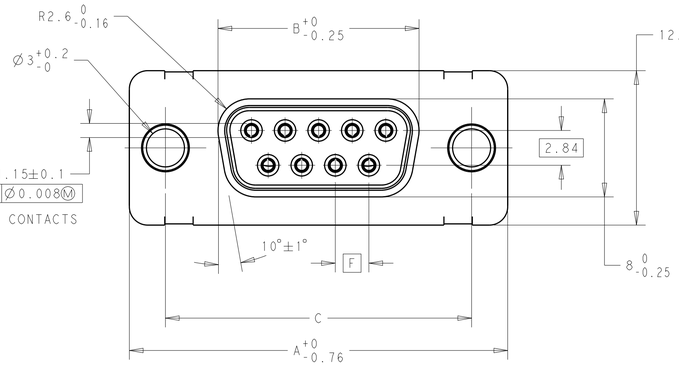
COVER IN PRE-CLAMPED POSITION

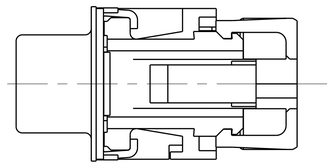


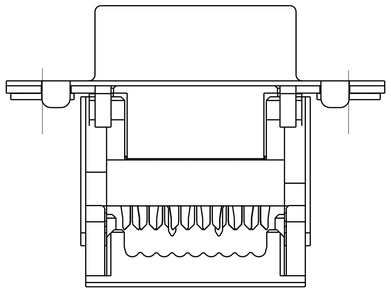

COVER IN CLAMPED POSITION WITH OPTIONAL STRAIN RELIEF ATTACHED

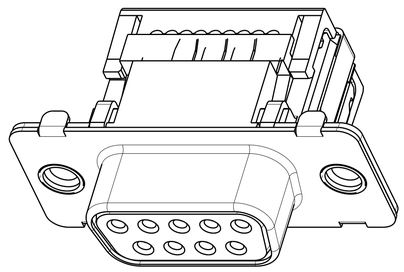


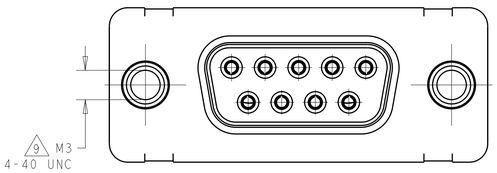



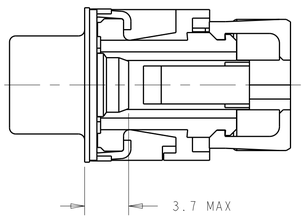
1. CABLES TO BE USED:
   ALL COMMERCIALLY AVAILABLE RIBBON CABLE WITH PVC INSULATION AND TIN OR SILVER PLATED COPPER WIRES. SEE WIRE INFORMATION IN TABLE BELOW.
2. 9 POSITION VERSION SHOWN.
3. USE ONLY WITH STRAIN RELIEF CLAMP.
4. OPTIONAL STRAIN RELIEF CLAMPS:
   9 POSITION = 4-1393560-3 (V42254-A4000-D9)
   15 POSITION = 4-1393560-5 (V42254-A4000-D15)
   25 POSITION = 4-1393560-6 (V42254-A4000-D25)
   37 POSITION = 4-1393560-7 (V42254-A4000-D37)
5. CONTACTS ARE STAMPED AND FORMED.
6. PACKAGED IN BLISTER PACKS.
7. PACKAGED ON REELS.
8. PLATING DETAILS: ALL MEET PERFORMANCE LEVEL 2 PER DIN 41652 P.2 AND P.4.
   UNDERPLATE: NICKEL OVER ENTIRE CONTACT
   CONTACT MATING SURFACE ALTERNATE 1: GOLD
   CONTACT MATING SURFACE ALTERNATE 2: GOLD FLASH OVER PALLADIUM-NICKEL
   IDC WIRE TERMINATION END: MATTE TIN
   SHELL PLATING: BRIGHT TIN OVER NICKEL
9. FLANGES WITH M3 (BLACK) OR 4-40 (BLUE)
   SELF-LOCKING NUTS
   TORQUE RETENTION ≥ 70 N-cm





FLANGES WITH HOLES




SELF-LOCKING NUT VERSION

## WIRE INFORMATION

| OVERALL CONDUCTOR CROSS-SECTIONAL AREA IN mm² | AWG RANGE | OVERALL CONDUCTOR DIAMETER IN mm² | NO. OF SINGLE STRANDED WIRES | CONDUCTOR | PVC INSULATING SLEEVE DIA |
|---|---|---|---|---|---|
| --- | 30 | 0.25 (3) | 1 | SOLID | 1.0/1.1 |
| --- | 28 | 0.32 (3) | 1 | SOLID | 0.8/1.1 |
| 0.09 (3) | 28 | --- | 7 | STRANDED | 0.8/1.1 |
| 0.14 | 26 | --- | 7 | STRANDED | 0.8/1.1 |

| | TE MARKING | STRAIN RELIEF | PKG | FLANGE OPTION | A | B | C | F | H | NO OF POSITIONS | SIEMENS PART NUMBER | TE CONNECTIVITY PART NUMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OBSOLETE | NO | Not Included | | 3.0 DIAMETER HOLE | 39.52 | 24.79 | 33.30 +0.15/-0.1 | 2.74 | 27.26 | 15 | V42254-A5237-B215 | 8-1393486-6 |
| | YES | Included | | 3.0 DIAMETER HOLE | 69.70 | 54.96 | 63.50 ±0.13 | 2.76 | 57.44 | 37 | V42254-A5235-W231 | 5-1393486-8 |
| | YES | Included | | 3.0 DIAMETER HOLE | 53.42 | 38.50 | 47.04 ±0.13 | 2.76 | 40.78 | 25 | V42254-A5235-W230 | 5-1393486-7 |
| | YES | Included | | 3.0 DIAMETER HOLE | 39.52 | 24.79 | 33.30 +0.15/-0.1 | 2.74 | 27.26 | 15 | V42254-A5235-W229 | 5-1393486-6 |
| | YES | Included | | 3.0 DIAMETER HOLE | 31.19 | 16.46 | 25.00 +0.12/-0.13 | 2.74 | 18.73 | 9 | V42254-A5235-W228 | 5-1393486-5 |
| | YES | Not Included | | 3.0 DIAMETER HOLE | 69.70 | 54.96 | 63.50 ±0.13 | 2.76 | 57.44 | 37 | V42254-A5235-B237 | 3-1393486-7 |
| | YES | Not Included | | 3.0 DIAMETER HOLE | 53.42 | 38.50 | 47.04 ±0.13 | 2.76 | 40.78 | 25 | V42254-A5235-B225 | 3-1393486-6 |
| | YES | Not Included | (6) | 3.0 DIAMETER HOLE | 39.52 | 24.79 | 33.30 +0.15/-0.1 | 2.74 | 27.26 | 15 | V42254-A5235-B215 | 3-1393486-5 |
| | YES | Not Included | | 3.0 DIAMETER HOLE | 31.19 | 16.46 | 25.00 +0.12/-0.13 | 2.74 | 18.73 | 9 | V42254-A5235-B209 | 3-1393486-4 |
| OBSOLETE | YES | Not Included | | M3 SELF-LOCKING NUTS | 31.19 | 16.46 | 25.00 +0.12/-0.13 | 2.74 | 18.73 | 9 | V42254-A5234-B209 | 1393486-9 |
| | YES | Not Included | | 4-40 SELF-LOCKING NUTS | 69.70 | 54.96 | 63.50 ±0.13 | 2.76 | 57.44 | 37 | V42254-A5232-B237 | 9-1393485-0 |
| | YES | Not Included | | 4-40 SELF-LOCKING NUTS | 53.42 | 38.50 | 47.04 ±0.13 | 2.76 | 40.78 | 25 | V42254-A5232-B225 | 8-1393485-9 |
| | YES | Not Included | | 4-40 SELF-LOCKING NUTS | 39.52 | 24.79 | 33.30 +0.15/-0.1 | 2.74 | 27.26 | 15 | V42254-A5232-B215 | 8-1393485-8 |
| | YES | Not Included | | 4-40 SELF-LOCKING NUTS | 31.19 | 16.46 | 25.00 +0.12/-0.13 | 2.74 | 18.73 | 9 | V42254-A5232-B209 | 8-1393485-7 |
| OBSOLETE | NO | Not Included | (7) | 3.0 DIAMETER HOLE | 39.52 | 24.79 | 33.30 +0.15/-0.1 | 2.74 | 27.26 | 15 | V42254-A4237-B215 | 8-1393485-3 |

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009

DIMENSIONS: mm

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

MATERIAL - -
FINISH - -

DWN RAGHAVENDRA 06MAR2012
CHK CARL ROHDE 06MAR2012
APVD CARL ROHDE 06MAR2012
PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME D-SUB IDC FEMALE CONNECTOR
- -

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-8-1393485-7 | - |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV J