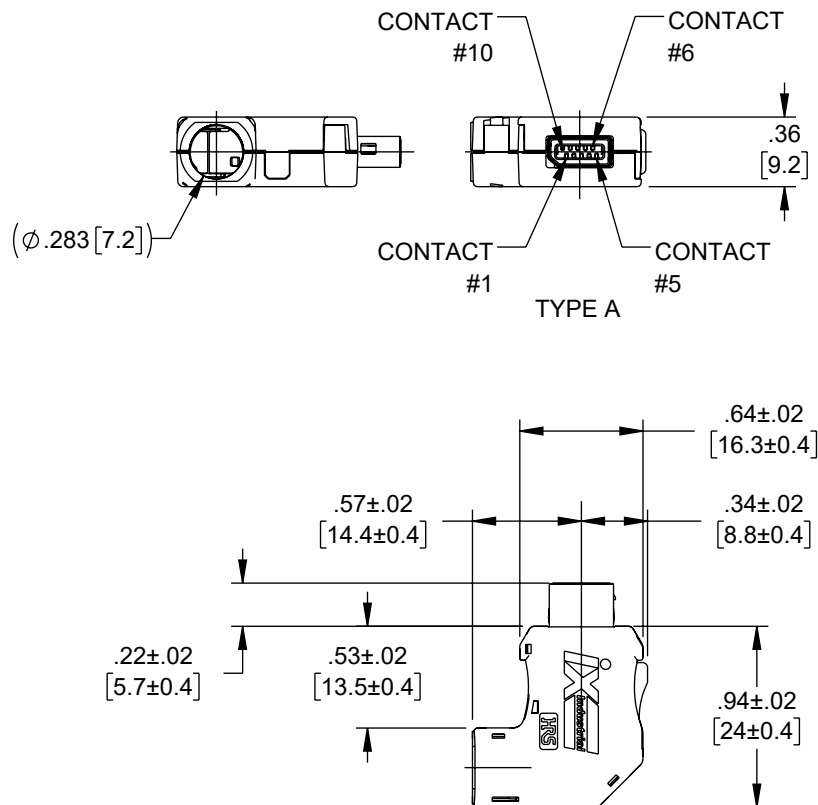


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| REVISION |     |                 |            |            |            |
|----------|-----|-----------------|------------|------------|------------|
| ZONE     | REV | DESCRIPTION     | DATE       | CHANGED BY | APPROVED   |
|          | A   | INITIAL RELEASE | 04/28/2023 | KGLEBOVA   | GUTTADAURO |



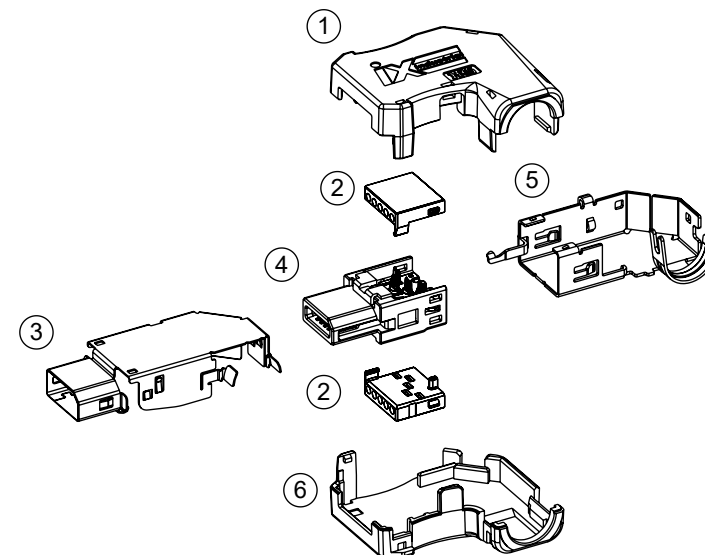
#### NOTES:

#### MECHANICAL DATA:

- CONDUCTOR SIZE: 26AWG - 28AWG.  
7 STRANDED, ANNEALED COPPER WIRE.
- INSULATION O.D.: 0.95mm TO 1.05mm.
- BRAID SHIELD: TIN PLATING.
- CABLE O.D.:  $\phi$ 6.3mm TO  $\phi$ 7.2mm.

#### MISCELLANEOUS:

- THIS DRAWING SHOWS IX30G-A-10S-CVL1(7.0).
- THIS PRODUCT (TYPE A) IS DEFINED FOR 10/100 MBIT/S AND 1/10 GBIT/S ETHERNET COMMUNICATION. PLEASE USE TYPE B FOR ALL OTHER NON ETHERNET APPLICATIONS LIKE SIGNALING, SERIAL OR OTHER INDUSTRIAL BUS COMMUNICATION SYSTEMS.
- PRODUCT SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.
- SHIPS UNASSEMBLED AND SHIELD SHELL IS PRE-BENT.

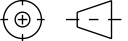


#### SUGGESTED PIN ASSIGNMENT FOR ETHERNET

| CONTACT<br># | SIGNAL        |             |
|--------------|---------------|-------------|
|              | 10/100 MBIT/S | 1/10 GBIT/S |
| 1            | TX+           | BI_DA+      |
| 2            | TX-           | BI_DA-      |
| 3            | N.C           | N.C         |
| 4            | N.C           | BI_DC+      |
| 5            | N.C           | BI_DC-      |
| 6            | RX+           | BI_DB+      |
| 7            | RX-           | BI_DB-      |
| 8            | N.C           | N.C         |
| 9            | N.C           | BI_DD+      |
| 10           | N.C           | BI_DD-      |

#### EXPLODED VIEW

| PART TABLE |              |
|------------|--------------|
| ITEM       | DESCRIPTION  |
| 1          | COVER CASE   |
| 2          | GUIDE        |
| 3          | SHIELD SHELL |
| 4          | PLUG UNIT    |
| 5          | SHIELD CASE  |
| 6          | COVER CASE   |

|                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |            |                                                                                                                         |  |                                                                                                       |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------|-------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED,<br>DIMENSIONS ARE IN INCHES [mm]<br><br>OVERALL CABLE LENGTH TOLERANCE:<br>≤12 [305] = +1 [25] / -0<br>>12 [305] ≤60 [1524] = +2 [51] / -0<br>>60 [1524] ≤120 [3048] = +4 [102] / -0<br>>120 [3048] ≤300 [7620] = +6 [152] / -0<br>>300 [7620] = +5% / -0<br><br>ALL OTHER DIMENSIONAL TOLERANCES:<br>.X = ±.2 [5]      FRACTIONS ± 1/32<br>.XX = ±.02 [.5]      ANGLES ± 1°<br>.XXX = ±.005 [.13] | APPROVALS                 | DATE       | <br>an INFINITI® brand             |  | 50 High Street, West Mill,<br>North Andover, MA 01845 USA.<br>Phone: 1.800.341.5266<br>1.978.682.6936 |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                | DRAWN BY<br>KGLEBOVA      | 04/10/2023 |                                                                                                                         |  | CATEGORY<br>TELECOM / MODULAR                                                                         |  |
| THIRD-ANGLE PROJECTION<br>                                                                                                                                                                                                                                                                                                                | CHECKED BY<br>BPUCHASKI   | 04/14/2023 | PRODUCT DESCRIPTION<br>IX INDUSTRIAL RIGHT ANGLE PLUG, 10gig, A KEY, 90°<br>DOWN DESIGN, IDC CRIMP TYPE, 26-28AWG RANGE |  | SIZE<br>A                                                                                             |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                | APPROVED BY<br>GUTTADAURO | 04/19/2023 |                                                                                                                         |  |                                                                                                       |  |
| CONFIGURATION DETAILS OF<br>UNDIMENSIONED FEATURES<br>MAY VARY                                                                                                                                                                                                                                                                                                                                                                 |                           |            | CAGE CODE<br>43321                                                                                                      |  | ITEM NO.<br>IXP-C2628RAD-A                                                                            |  |
| COLOR VARIATIONS<br>MAY OCCUR                                                                                                                                                                                                                                                                                                                                                                                                  |                           |            | SCALE: NONE                                                                                                             |  | CAD FILE: ixp-c2628rad-a.SLDDRW                                                                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |            |                                                                                                                         |  | SHEET 1 OF 1                                                                                          |  |