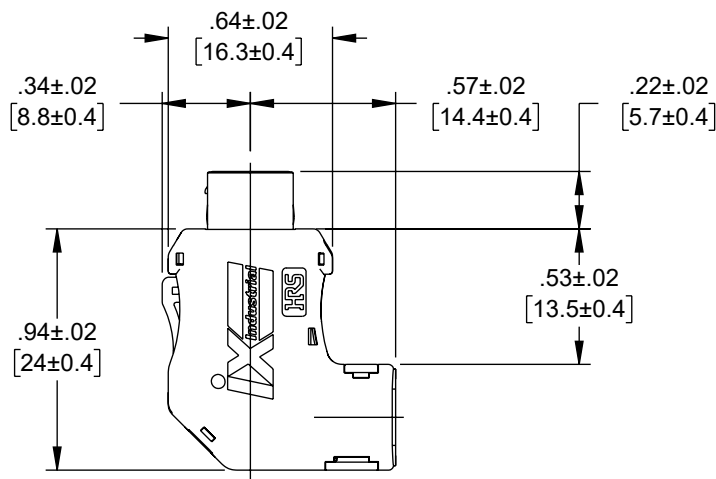
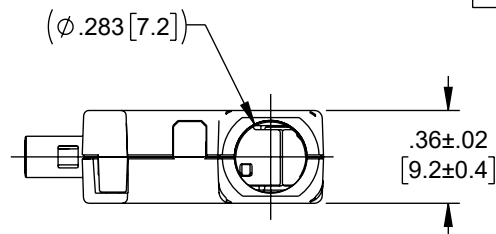
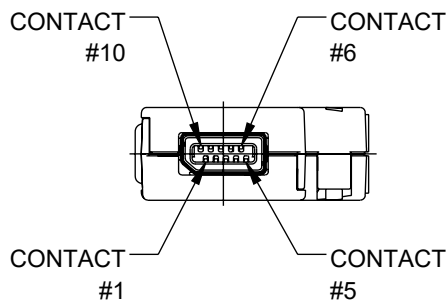


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| REVISION |     |                 |            |            |            |
|----------|-----|-----------------|------------|------------|------------|
| ZONE     | REV | DESCRIPTION     | DATE       | CHANGED BY | APPROVED   |
|          | A   | INITIAL RELEASE | 04/27/2023 | KGLEBOVA   | GUTTADAURO |



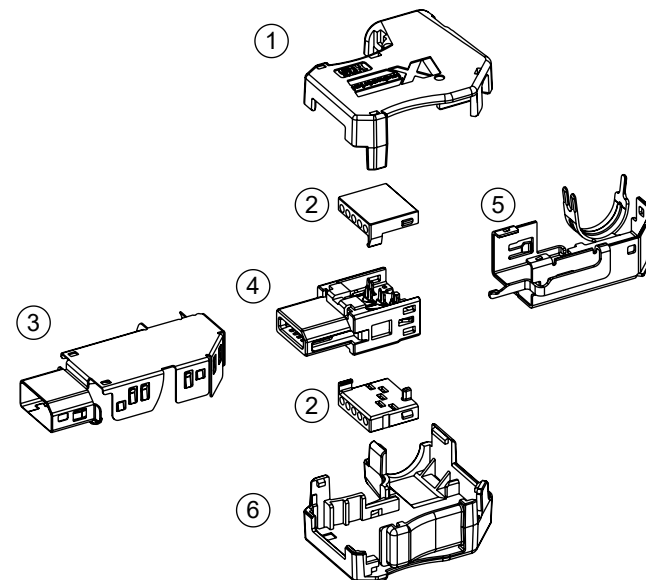
#### NOTES:

#### MECHANICAL DATA:

1. CONDUCTOR SIZE: 24AWG - 26AWG.  
7 STRANDED, ANNEALED COPPER WIRE.
2. INSULATION O.D.: 1.1mm TO 1.25mm.
3. BRAID SHIELD: TIN PLATING.
4. CABLE O.D.: Ø6.3mm TO Ø7.2mm.

#### MISCELLANEOUS:

5. THIS DRAWING SHOWS IX31G-A-10S-CVL2(7.0).
6. 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.
7. PRODUCT SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.
8. 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

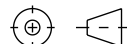
| PART TABLE |              |
|------------|--------------|
| ITEM       | DESCRIPTION  |
| 1          | COVER CASE   |
| 2          | GUIDE        |
| 3          | SHIELD SHELL |
| 4          | PLUG UNIT    |
| 5          | SHIELD CASE  |
| 6          | COVER CASE   |

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES [mm]

OVERALL CABLE LENGTH TOLERANCE:  
≤12 [305] = +1 [25] / -0  
>12 [305] ≤60 [1524] = +2 [51] / -0  
>60 [1524] ≤120 [3048] = +4 [102] / -0  
>120 [3048] ≤300 [7620] = +6 [152] / -0  
>300 [7620] = +5% / -0

ALL OTHER DIMENSIONAL TOLERANCES:  
.X = ±.2 [5] | FRACTIONS ± 1/32  
.XX = ±.02 [.5] | ANGLES ± 1°  
.XXX = ±.005 [.13]

THIRD-ANGLE PROJECTION



| APPROVALS                 | DATE       |
|---------------------------|------------|
| DRAWN BY<br>KGLEBOVA      | 04/11/2023 |
| CHECKED BY<br>BPUCHASKI   | 04/14/2023 |
| APPROVED BY<br>GUTTADAURO | 04/18/2023 |

CONFIGURATION DETAILS OF  
UNDIMENSIONED FEATURES  
MAY VARY

COLOR VARIATIONS  
MAY OCCUR



50 High Street, West Mill,  
North Andover, MA 01845 USA.  
Phone: 1.800.341.5266  
1.978.682.6936

CATEGORY  
**TELECOM / MODULAR**

PRODUCT DESCRIPTION  
**IX INDUSTRIAL RIGHT ANGLE PLUG, 10gig, A KEY, 90°  
UP DESIGN, IDC CRIMP TYPE, 24-26AWG RANGE**

SIZE  
**A**

CAGE CODE  
**43321**

ITEM NO.  
**IXP-C2426RAU-A**

REV.  
**A**

SCALE: NONE | CAD FILE: ixp-c2426rau-a.SLDDRW | SHEET 1 OF 1