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## REVISION

| ZONE | REV | DESCRIPTION     | DATE       | CHANGED BY | APPROVED   |
|------|-----|-----------------|------------|------------|------------|
|      | A   | INITIAL RELEASE | 11/21/2024 | HBAKKE     | GUTTADAURO |

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F

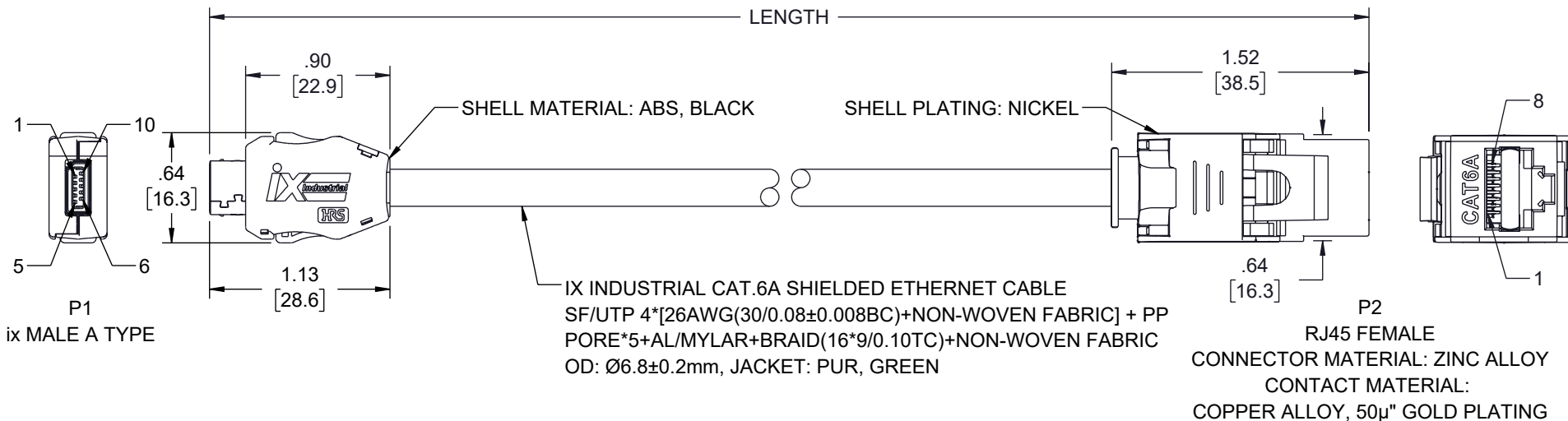
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CONNECTION  
DIAGRAM

| P1 | P2             |
|----|----------------|
| 1  | 1 WHITE/ORANGE |
| 2  | 2 ORANGE       |
| 4  | 4 BLUE         |
| 5  | 5 WHITE/BLUE   |
| 6  | 3 WHITE/GREEN  |
| 7  | 6 GREEN        |
| 9  | 7 WHITE/BROWN  |
| 10 | 8 BROWN        |
| S  | S SHIELDED     |

## NOTES:

- CABLE CHARACTERISTICS:  
OPERATING VOLTAGE: 60VDC MAX  
NOMINAL VOLTAGE: 300V  
CONTACT RESISTANCE: 30mΩ MAX  
CURRENT RATING: 1.5A  
BENDING RADIUS (MOBILE): 102mm MIN  
BENDING RADIUS (FIXED): 68mm MIN  
TORSION SUPPORTED  
TEMPERATURE RANGE (MOBILE): -25°C TO +70°C  
TEMPERATURE RANGE (FIXED): -25°C TO +80°C  
DRAGCHAIN CAPABLE: YES
- CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

## REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

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UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:  
X = ±.2 [5] FRACTIONS  
.XX = ±.02 [0.5] ± 1/32  
.XXX = ±.005 [0.13] ANGLES ± 1°

CABLE LENGTH TOLERANCES:  
≤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 DIMENSIONS ARE FOR REFERENCE ONLY  
AND SUBJECT TO CHANGE WITHOUT NOTICE.  
UN-DIMENSIONED/NON-CRITICAL FEATURES  
MAY VARY IN SIZE AND LOCATION  
COLORS MAY VARY

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INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE NONE SHEET 1 OF 1

DESCRIPTION  
ix INDUSTRIAL CATEGORY 6a ETHERNET CABLE, ix A KEY TO  
RJ45 JACK, 26AWG DOUBLE SHIELDED, HIGH FLEX DRAG  
CHAIN VW-1 FT2 PUR JACKET, GREEN

| SIZE | CAGE CODE | DRAWN BY | ITEM NO.       | REV |
|------|-----------|----------|----------------|-----|
| A    | 43321     | HBAKKE   | TRGIX605PU-GRN | A   |

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