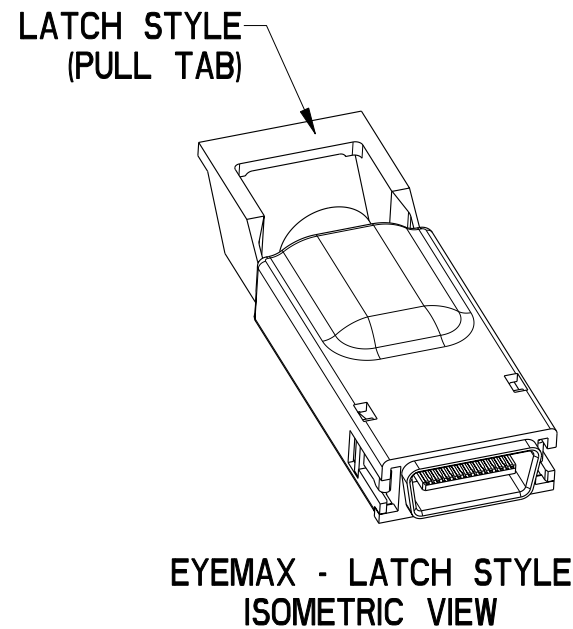
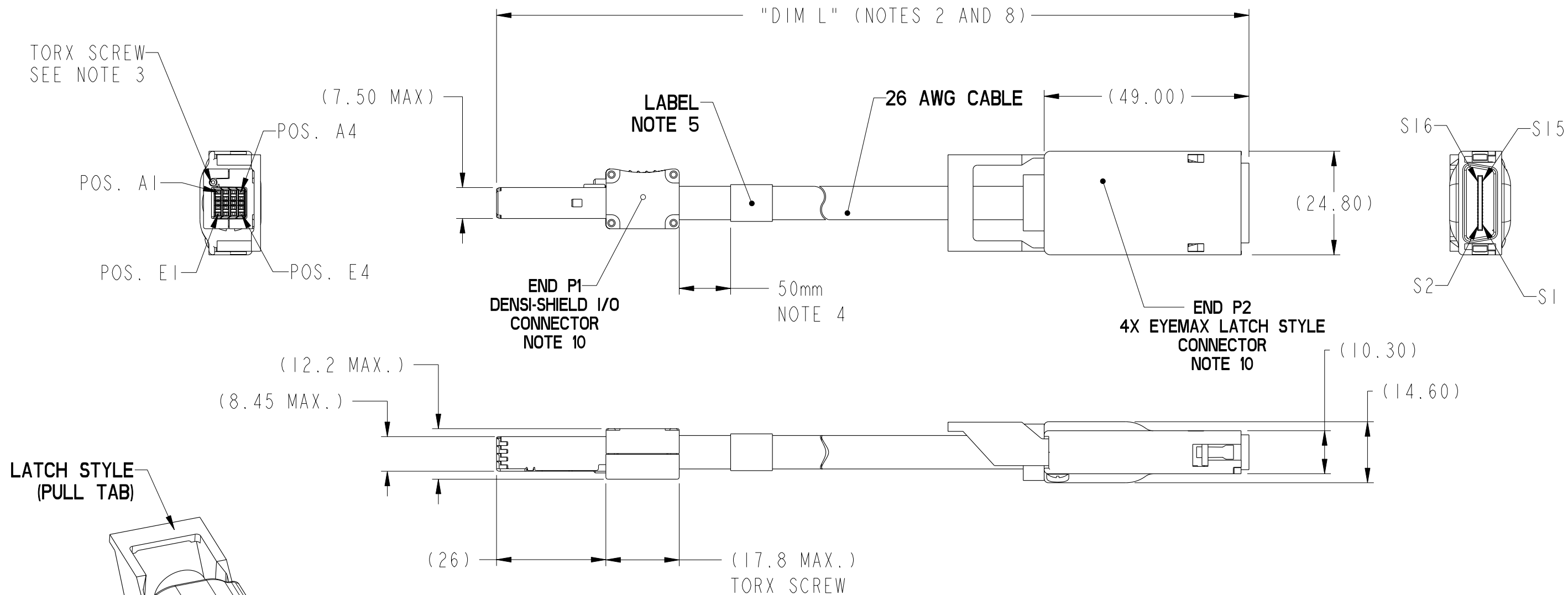
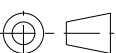


| PRODUCT NUMBER  | DESCRIPTION/STYLE   | "DIM L" | NOTES       |
|-----------------|---------------------|---------|-------------|
| 10103447-1001LF | EYEMAX - LATCH      | 1 METER | SEE SHEET 1 |
| 10103447-1003LF | EYEMAX - LATCH      | 3 METER | SEE SHEET 1 |
| 10103447-1005LF | EYEMAX - LATCH      | 5 METER | SEE SHEET 1 |
| 10103447-2001LF | EYEMAX - THUMBSCREW | 1 METER | SEE SHEET 2 |
| 10103447-2003LF | EYEMAX - THUMBSCREW | 3 METER | SEE SHEET 2 |
| 10103447-2005LF | EYEMAX - THUMBSCREW | 5 METER | SEE SHEET 2 |

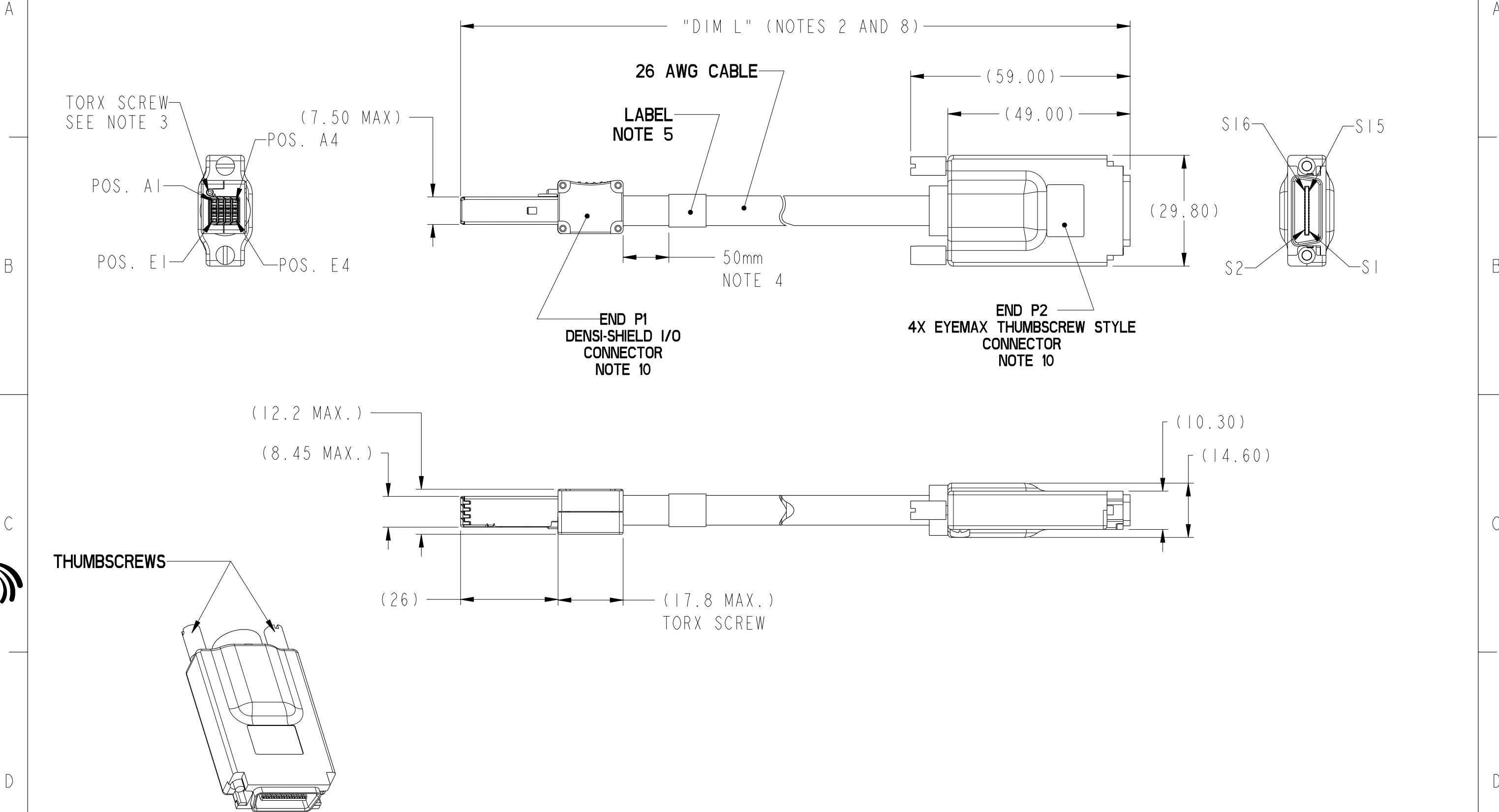


EYEMAX - LATCH STYLE  
ISOMETRIC VIEW

| rev | ecn no   | dr  | date       |
|-----|----------|-----|------------|
| A   | V09-0380 | DA1 | 2009-07-21 |
| -   | -        | -   | -          |
| -   | -        | -   | -          |
| -   | -        | -   | -          |
| -   | -        | -   | -          |

|                                                                                       |           |            |                                                                                                 |        |                   |      |                                                                                                  |            |                                                                                          |           |
|---------------------------------------------------------------------------------------|-----------|------------|-------------------------------------------------------------------------------------------------|--------|-------------------|------|--------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------|-----------|
| www.fciconnect.com                                                                    |           |            | surface -  |        | tolerance std - - |      | projection  |            | MM  |           |
|                                                                                       |           |            | TOLERANCES UNLESS OTHERWISE SPECIFIED                                                           |        |                   |      |                                                                                                  |            |                                                                                          |           |
| Dr                                                                                    | D. INGRAM | 2009-06-30 | ANGULAR                                                                                         | LINEAR |                   | 0.X  | ±0.X                                                                                             | size<br>A3 | Scale<br>1:2                                                                             |           |
| Eng                                                                                   | J. DUARTE | 2009-06-30 |                                                                                                 |        |                   | 0.XX | ±0.10                                                                                            |            |                                                                                          |           |
| Chr                                                                                   | J. DUARTE | 2009-06-30 |                                                                                                 |        |                   | 0°   | ±2°                                                                                              | 0.XXX      | ±0.XXX                                                                                   | ECN       |
| Appr                                                                                  | J. DUARTE | 2009-06-30 | Product family                                                                                  |        |                   |      | C&A                                                                                              | Spec ref   |                                                                                          | -         |
|  |           | title      | CABLE ASSEMBLY                                                                                  |        |                   |      | dwg no                                                                                           | 10103447   |                                                                                          | Rev.<br>A |
|                                                                                       |           |            | DENSI-SHIELD I/O 8 PAIR to 4X EYEMAX                                                            |        |                   |      |                                                                                                  |            |                                                                                          |           |
|                                                                                       |           |            | catalog no -                                                                                    |        |                   |      |                                                                                                  |            |                                                                                          |           |
|                                                                                       |           |            | CUSTOMER                                                                                        |        |                   |      | sheet 1 of 3                                                                                     |            |                                                                                          |           |

| PRODUCT NUMBER  | DESCRIPTION/STYLE   | "DIM L" |
|-----------------|---------------------|---------|
| 10103447-2001LF | EYEMAX - THUMBSCREW | 1 METER |
| 10103447-2003LF | EYEMAX - THUMBSCREW | 3 METER |
| 10103447-2005LF | EYEMAX - THUMBSCREW | 5 METER |



EYEMAX - THUMBSCREW STYLE  
ISOMETRIC VIEW

|                                                                                       |            |  |                                      |  |          |          |              |      |   |
|---------------------------------------------------------------------------------------|------------|--|--------------------------------------|--|----------|----------|--------------|------|---|
|  | title      |  | CABLE ASSEMBLY                       |  | dwg no   | 10103447 |              | Rev. | A |
|                                                                                       |            |  | DENSI-SHIELD I/O 8 PAIR to 4X EYEMAX |  |          |          |              |      |   |
|                                                                                       | catalog no |  | -                                    |  | CUSTOMER |          | sheet 2 of 3 |      |   |

Product number  
10103447-XXXXLF  
SEE SHT. 1

NOTES:

1. P1 (DENSI SHIELD CONNECTOR) MATES WITH FCI PART NUMBERS 10044471 SERIES.  
P2 (EYEMAX THUMBSCREW OPTION) MATES WITH 58368 OR 58369.  
P2 (EYEMAX LATCH STYLE OPTION) MATES WITH 10009629.
2. UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE =  
= 1 METER:  $\pm 15.0\text{mm}$   
> 1 METER TO 10 METER:  $\pm 2\%$  OF "DIM L"  
> 10 METER: +0/-4% OF "DIM L"
3. MAXIMUM APPLICABLE TORQUE ON LOCKING SCREW FOR DENSI SHIELD CONNECTOR = 0.3um
4. UNLESS OTHERWISE SPECIFIED LABEL POSITION SHALL BE APPROXIMATELY 50mm $\pm$ 15mm FROM REAR OF CONNECTOR.
5. UNLESS OTHERWISE SPECIFIED STANDARD LABEL SHALL BE 10081646-002.  
LABEL DETAILS:  
-MANUFACTURER CODE OR NAME  
-CUSTOMER P/N OR FCI P/N  
-REVISION  
-DATE CODE (WW/YY FORMAT) - SERIAL NUMBER  
-COUNTRY ORIGIN  
FONT SHALL BE CLEARLY VISABLE AND  
BLACK IN COLOR.
6. ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY AS DEFINED IN WIRING LIST.
7. UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED BY APPLYING 300 VDC FOR MINIMUM OF 10ms, UNLESS ACTIVE COMPONENTS ARE USED IN THIS ASSEMBLY.
8. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
9. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
10. CONNECTOR ASSEMBLIES SHOWN ARE FOR REFERENCE ONLY AND MAY NOT SHOW ALL PART DETAIL. REFERENCE CONNECTOR ASSEMBLY DRAWINGS FOR COMPLETE DETAILS.
11. DENSI SHIELD MATERIALS:  
COVERS: ZINC ALLOY, Cu-Ni-Sn PLATED.  
SHEET METAL COVER: COPPER ALLOY  
FERRULES: COPPER ALLOY, Ni-Sn PLATED  
TERMINAL BLOCK:  
- HOUSING: THERMOPLASTIC  
- TEMINALS: COPPER ALLOY, FINISH: MIN 0.8um Au ON  
Ni-UNDERLAYER IN CONTACT AREA.  
- TRANSITION BOARD: FR4 FIBERGLASS FILLED EPOXY.  
- LOCKING SCREW: STAINLESS STEEL  
- SCREW STOP: TEFLON
- 4X EYEMAX MATERIALS:  
COVERS: ZINC ALLOY, NICKEL OVER-PLATE  
CABLE COLLARS: PLASTIC  
PLUG ASSEMBLIES: THERMOPLASTIC AND COPPER ALLOY  
THUMBSCREWS; STAINLESS STEEL  
PCB BOARD: FR4 FIBERGLASS  
LATCH (PULL TAB): NYLON

TABLE 1  
PIN OUT/WIRING LIST  
SEE NOTE 6

| END P1         |         | END P2         |               |
|----------------|---------|----------------|---------------|
| DENSI SHIELD   | WIRE ID | EYEMAX         | WIRE ID       |
| C1-C4          | GROUND  | G1-G9          | SIGNAL GROUND |
| A1             | TX(0)+  | S1             | IBtxIp(0)     |
| B1             | TX(0)-  | S2             | IBtxIn(0)     |
| D1             | RX(0)-  | S15            | IBtxOn(0)     |
| E1             | RX(0)+  | S16            | IBtxOp(0)     |
| A2             | TX(1)+  | S3             | IBtxIp(1)     |
| B2             | TX(1)-  | S4             | IBtxIn(1)     |
| D2             | RX(1)-  | S13            | IBtxOn(1)     |
| E2             | RX(1)+  | S14            | IBtxOp(1)     |
| A3             | TX(2)+  | S5             | IBtxIp(2)     |
| B3             | TX(2)-  | S6             | IBtxIn(2)     |
| D3             | RX(2)-  | S11            | IBtxOn(2)     |
| E3             | RX(2)+  | S12            | IBtxOp(2)     |
| A4             | TX(3)+  | S7             | IBtxIp(3)     |
| B4             | TX(3)-  | S8             | IBtxIn(3)     |
| D4             | RX(3)-  | S9             | IBtxOn(3)     |
| E4             | RX(3)+  | S10            | IBtxOp(3)     |
| CHASSIS GROUND |         | CHASSIS GROUND |               |



CABLE ASSEMBLY  
DENSI-SHIELD I/O 8 PAIR to 4X EYEMAX  
catalog no -

dwg no 10103447  
Rev. A  
CUSTOMER sheet 3 of 3