

## Excellent Integrated System Limited

Stocking Distributor

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[FCI](#)  
[10125195-R0070EULF](#)

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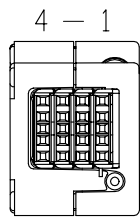
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

A

B

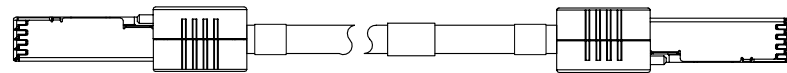
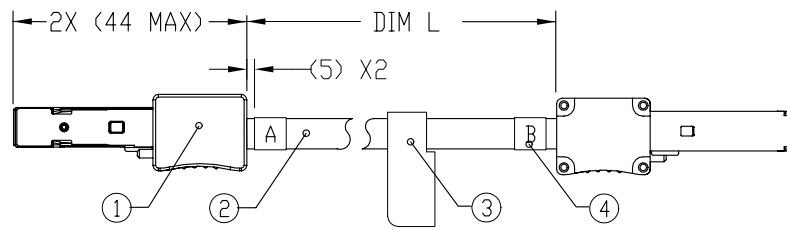
C

D



VIEW A  
SCALE 2:1

VIEW A

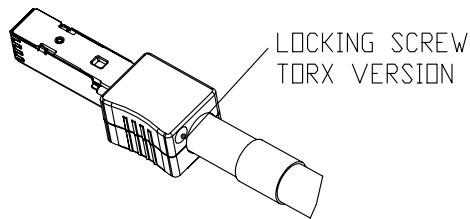
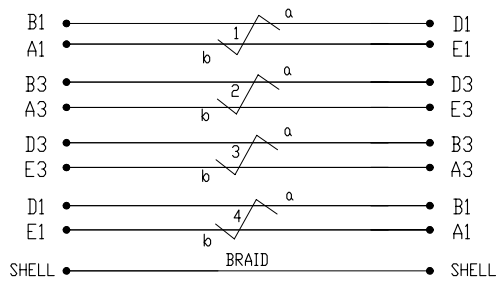


Connector A

Connector B

Connector A

Connector B



LOCKING SCREW  
TORX VERSION

| rev | ecm no | dr  | date       |
|-----|--------|-----|------------|
| A   | -      | Tom | 2013-10-31 |

|                    |              |            |  |                                       |     |           |      |              |           |
|--------------------|--------------|------------|--|---------------------------------------|-----|-----------|------|--------------|-----------|
| www.fciconnect.com |              |            |  | surface                               | -   | tolerance | std  | projection   | MM        |
|                    |              |            |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |     |           |      |              |           |
| Dr                 | Tom Feng     | 2013-10-31 |  | ANGULAR                               |     | LINEAR    | 0.0X | ± N/A        | size A4   |
| Eng                | Tom Feng     | 2013-10-31 |  | 0°                                    | ±2° |           |      |              | Scale 1:2 |
| Chr                | Roger Cheng  | 2013-10-31 |  |                                       |     |           |      | ECN          |           |
| Appr               | Jackson Wang | 2013-10-31 |  | Product family                        |     | C&A       |      | Spec ref     |           |
| title              |              |            |  | CABLE ASSEMBLY                        |     |           |      | Rev. A       |           |
| catalog no         |              |            |  | 30AWG Densi-Shield I/D 4 P CABLE      |     |           |      | 10125195     |           |
|                    |              |            |  | CUSTOMER                              |     |           |      | SHEET 1 OF 1 |           |

REV F - 2013-04-17

1

2

3

PDS: Rev :A

STATUS:Released

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A

B

C

D

A

B

C

D

A

B

C

D

| P/N AND DIMENSION (TABLE-1, SEE NOTE-3) |                    |                |         |      |              |
|-----------------------------------------|--------------------|----------------|---------|------|--------------|
| NO                                      | FCI P/N            | ERICSSON P/N   | R-State | L/mm | TOLERANCE/mm |
| 1                                       | 10125195-R0040EULF | TSR491610/400  | R3A     | 400  | +5/-0        |
| 2                                       | 10125195-R0065EULF | TSR491610/650  | R3A     | 650  | +10/-0       |
| 3                                       | 10125195-R0070EULF | TSR491610/700  | R3A     | 700  | +10/-0       |
| 4                                       | 10125195-R0080EULF | TSR491610/800  | R3A     | 800  | +10/-0       |
| 5                                       | 10125195-R0100EULF | TSR491610/1000 | R3A     | 1000 | +10/-0       |
| 6                                       | 10125195-R0200EULF | TSR491610/2000 | R3A     | 2000 | +20/-0       |
| 7                                       | 10125195-R0500EULF | TSR491610/5000 | R3A     | 5000 | +50/-50      |
| 8                                       | 10125195-R0800EULF | TSR491610/8000 | R3A     | 8000 | +80/-80      |

TSR491610/\*\*\* R3A  
SIGNAL CABLE T.A.  
201322 C71-12345678  
Made in China Ericsson

Fold Perforation

| 4  | LABEL                      | EACH | 2        |
|----|----------------------------|------|----------|
| 3  | LABEL                      | EACH | 1        |
| 2  | 30AWG 4PAIR TWISTED CABLE  | M    | A/R      |
| 1  | DENSI-SHIELD I/O CONNECTOR | EACH | 2        |
| NO | PART DESCRIPTION           | UNIT | QUANTITY |

REV F - 2006-06-07

1

2

3

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|                                                                                     |                                  |                |          |              |           |
|-------------------------------------------------------------------------------------|----------------------------------|----------------|----------|--------------|-----------|
|  | title                            | CABLE ASSEMBLY | part no  | 10125195     | Rev.<br>A |
|                                                                                     | 30AWG DENSI-SHIELD I/O 4 P CABLE |                |          |              |           |
|                                                                                     | catalog no                       | -              | CUSTOMER | sheet 2 of 3 |           |

**NOTES:**

1. MATES WITH FCI PART NUMBERS 10044471 SERIES.
2. UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE =

| Length in mm    | Tolerance in mm |
|-----------------|-----------------|
| L < 10          | ±1              |
| 10 ≤ L < 100    | ±2              |
| 100 ≤ L < 500   | +5/- 0          |
| 500 ≤ L < 1000  | +10/- 0         |
| 1000 ≤ L < 4000 | + 1% / - 0      |
| L ≥ 4000        | ±1%             |

**3. PART NUMBER DESCRIPTION:**

10125195 - X XX XX X U LF  
 WIRE GAGE: N: 26 AWG R: 30 AWG  
 LF: LEAD FREE (NOTE 10)  
 U: UN-EQUALIZED

LENGTH "DIM L" NOTE 9  
 XXXX: XX METERS, XX CENTIMETERS  
 EXAMPLES OF LENGTH GIVEN BELOW:  
 0046 = 00 METERS 46 CENTIMETERS  
 0500 = 05 METERS 00 CENTIMETERS

HARDWARE TYPE  
 A: HIGH SPEED VERSION + THUMBSCREWS  
 B: HIGH SPEED VERSION + TORX SCREW T-5  
 D: STANDARD VERSION + THUMBSCREWS  
 E: STANDARD VERSION + TORX SCREW T-5

4. ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY AS DEFINED IN WIRING LIST.
5. UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED PER PRODUCT SPECIFICATION: GS-12-314.
6. OTHER TESTING PERFORMED AS REQUIRED BY PRODUCT SPECIFICATION: GS-12-314.
7. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
8. CONNECTOR ASSEMBLIES SHOWN ARE FOR REFERENCE ONLY AND MAY NOT SHOW ALL PART DETAIL. REFERENCE CONNECTOR ASSEMBLY DRAWINGS FOR COMPLETE DETAILS.
9. PACKAGING PER GLOBAL STANDARD GS-14-TBD
10. MAXIMUM APPLICABLE TORQUE ON LOCKING SCREW = 0.3um

**NOTES CONTINUED:**

11. LABEL CONTENT:  
 -ERICSSON PART NUMBER AND REV  
 -SIGNAL CABLE T.A.  
 -MANUFACTURING YEAR AND WEEK, BATCH INCLUDING FACTORY CODE  
 -Made in China Ericsson LOGO  
 FONT SHALL BE CLEARLY VISABLE AND BLACK IN COLOR.
12. FOR CABLE ASSY LENGTH SHORTER THAN 3M (INCLUDE 3M), PLACE ONE LABEL IN THE MIDDLE OF CABLE ASSY;  
 FOR CABLE ASSY LENGTH LONGER THAN 3M, NEED TWO LABEL, PLACE ONE LABEL OF EACH CABLE SIDE LABEL POSITION SHOULD BE ABOUT 300mm FROM REAR OF CONNECTOR
13. MATERIALS:  
 COVERS: ZINC ALLOY, Cu-Ni-Sn PLATED.  
 SHEET METAL COVER: COPPER ALLOY  
 FERRULES: COPPER ALLOY, Ni-Sn PLATED  
 TERMINAL BLOCK:  
 - HOUSING: THERMOPLASTIC  
 - TERMINALS: 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

|  |            |                                  |          |              |           |
|--|------------|----------------------------------|----------|--------------|-----------|
|  | title      | CABLE ASSEMBLY                   | part no  | 10125195     | Rev.<br>A |
|  | catalog no | 30AWG DENSE-SHIELD I/O 4 P CABLE |          |              |           |
|  |            | -                                | CUSTOMER | sheet 3 of 3 |           |

REV F - 2009-04-07

1

2

3

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