

PRODUCT NUMBER
SEE NOTE 3

10093381-XXXXXXULF

"DIM L" (NOTE 2, 3 AND 9)

VIEW A

SHT. 2

(14.5 MAX.)

2X

VIEW A

SHT. 2

2X 8.45
MAX

CABLE
NOTE 3

LABEL
NOTE 5

END P1
DENSI-SHIELD I/O
CONNECTOR
NOTE 11

50mm
NOTE 4

END P2
DENSI-SHIELD I/O
CONNECTOR
NOTE 11

2X (7.50 MAX)

POS. A1 POS. A4

POS. E1 POS. E4

2X 12.2 MAX.

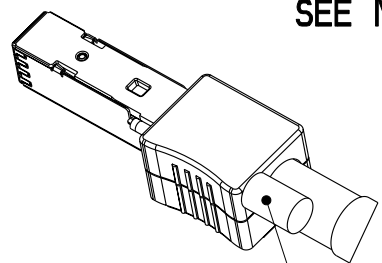
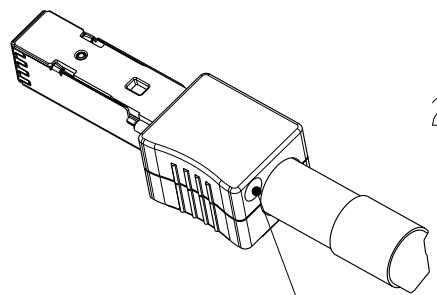
2X (26)

2X (26)

(2X 26.5 MAX.)
THUMBSCREW VERSION

LOCKING SCREW VERSION
SEE NOTE 3

THUMBSCREW VERSION
SEE NOTE 3



www.fciconnect.com			surface - ✓	tolerance std	projection	MM	
TOLERANCES UNLESS OTHERWISE SPECIFIED					↔		
Dr	D. INGRAM	2009-03-24	ANGULAR	LINEAR	size	A4	Scale 1:2
Eng	J. DUARTE	2009-03-24	0°	±2°	0.xx	±0.10	ECN V09-0053
Chr	J. DUARTE	2009-03-24	Product family		C&A	Spec ref -	
Appr	J. DUARTE	2009-03-24	CABLE ASSEMBLY		dwg no	10093381	Rev. B
			DENSI-SHIELD I/O 8 PAIR		CUSTOMER		sheet 1 of 4
			catalog no				

rev	ecn no	dr	date
A	M08-0296	AGS	14/10/08
B	V09-0053	DA1	2009-03-24

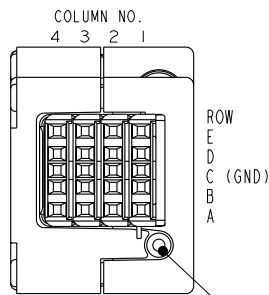


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PIN OUT/WIRING LIST
SEE NOTE 6

END P1		END P2	
PIN NUMBER	WIRE ID	PIN NUMBER	WIRE ID
C1-C4	GROUND	C1-C4	GROUND
A1	TN1	A1	TN1
B1	TP1	B1	TP1
D1	RP2	D1	RP2
E1	RN2	E1	RN2
A2	TN6	A2	TN6
B2	TP6	B2	TP6
D2	RP7	D2	RP7
E2	RN7	E2	RN7
A3	TN8	A3	TN8
B3	TP8	B3	TP8
D3	RP3	D3	RP3
E3	RN3	E3	RN3
A4	TN5	A4	TN5
B4	TP5	B4	TP5
D4	RP4	D4	RP4
E4	RN4	E4	RN4



LOCKING SCREW
NOTE 14

VIEW A
SCALE 2:1
VIEWED FROM
MATING SIDE

DW_x = DRAIN WIRE x
 RP_x = RECIEVER PAIR x, POSITIVE POLE
 RN_x = RECIEVER PAIR x, NEGATIVE POLE
 TP_x = TRANSMITTER PAIR x, POSITIVE POLE
 TN_x = TRANSMITTER PAIR x, NEGATIVE POLE

	DESCRIPTION	CABLE ASSEMBLY	dwg no	10093381	Rev.	B
	DENSI-SHIELD I/O 8 PAIR			CUSTOMER		sheet 2 of 4
	CATALOG NO					



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PRODUCT NUMBER
SEE NOTE 3

10093381-XXXXXXULF

NOTES:

1. MATES WITH FCI PART NUMBERS 10044471 SERIES.

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. PART NUMBER DESCRIPTION:
10093381 - X XX XX X U LF

WIRE GAGE
N: 26 AWG
R: 30 AWG

LF: LEAD FREE (NOTE 10)

U: UN-EQUALIZED

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

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

EXAMPLE: 10093381-N0046BULF = 26 AWG, 00 METER, 46 CENTIMETERS, HIGH SPEED TORX SCREW T-5, UN-EQUALIZED AND LEAD FREE

4. UNLESS OTHERWISE SPECIFIED LABEL POSITION SHALL BE APPROXIMATELY $50\text{mm} \pm 15\text{mm}$ 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.



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title CABLE ASSEMBLY DENS1-SHIELD I/O 8 PAIR	dwg no	10093381	Rev.	B
	catalog no	-	CUSTOMER	sheet 3 of 4

PRODUCT NUMBER
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NOTES CONTINUED:

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 PER PRODUCT SPECIFICATION: GS-12-314.
8. OTHER TESTING PERFORMED AS REQUIRED BY PRODUCT SPECIFICATION: GS-12-314.
9. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
10. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
11. CONNECTOR ASSEMBLIES SHOWN ARE FOR REFERENCE ONLY AND MAY NOT SHOW ALL PART DETAIL. REFERENCE CONNECTOR ASSEMBLY DRAWINGS FOR COMPLETE DETAILS.
12. PACKAGING PER GLOBAL STANDARD GS-14-1272.
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
14. MAXIMUM APPLICABLE TORQUE ON LOCKING SCREW = 0.3um



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