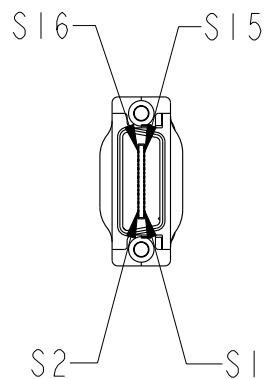


PRODUCT NUMBER
SEE NOTE 3
10018960-XXXXXAXLF

"L2"
OVERALL LENGTH
(NOTES 2 AND 3)

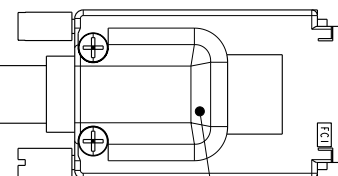


P1
4X EYEMAX
NOTE 11

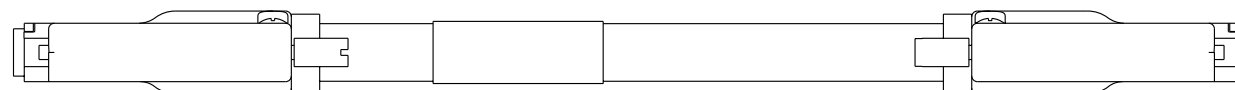
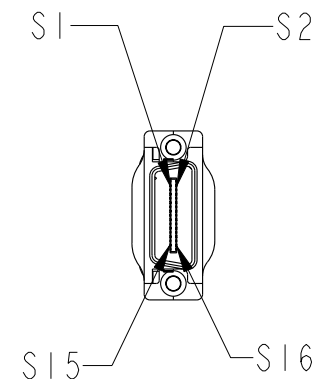
CABLE
NOTE 3

LABEL
NOTE 5

NOTE 4



P2
4X EYEMAX
NOTE 11



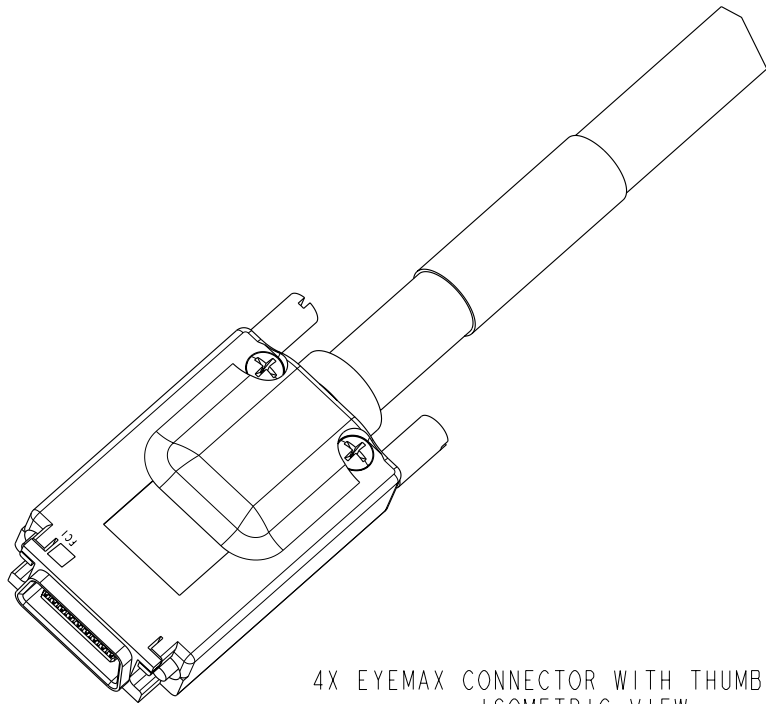
rev	ecn no	dr	date
F	V06-1193	DAI	2007-01-04
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface ☒		tolerance std		projection 		 MM		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	D. INGRAM	2007-01-04	ANGULAR	LINEAR			size A4	Scale 1:2			
Eng	C. GROSS	2007-01-04			0.0X	±0.10					
Chr	C. GROSS	2007-01-04			0°	±°					
Appr	C. GROSS	2007-01-04	Product family				C&A	Spec ref			
			title 4X EYEMAX W/THUMBSCREWS CABLE ASSEMBLY (INFINIBAND™)				dwg no 10018960		Rev F		
catalog no			-				CUSTOMER		sheet 1 of 3		



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PRODUCT NUMBER
SEE NOTE 3
10018960-XXXXXAXLF



4X EYEMAX CONNECTOR WITH THUMBSCREWS
ISOMETRIC VIEW

PIN OUT/WIRING LIST SEE NOTE 6

P1		P2	
PIN NUMBER	WIRE ID	PIN NUMBER	WIRE ID
G1-G9	GROUND	G1-G9	GROUND
S1	IBtxlp(0)	S16	IBtxOp(0)
S2	IBtxln(0)	S15	IBtxOn(0)
S3	IBtxlp(1)	S14	IBtxOp(1)
S4	IBtxln(1)	S13	IBtxOn(1)
S5	IBtxlp(2)	S12	IBtxOp(2)
S6	IBtxln(2)	S11	IBtxOn(2)
S7	IBtxlp(3)	S10	IBtxOp(3)
S8	IBtxln(3)	S9	IBtxOn(3)
S9	IBtxOn(3)	S8	IBtxln(3)
S10	IBtxOp(3)	S7	IBtxlp(3)
S11	IBtxOn(2)	S6	IBtxln(2)
S12	IBtxOp(2)	S5	IBtxlp(2)
S13	IBtxOn(1)	S4	IBtxln(1)
S14	IBtxOp(1)	S3	IBtxlp(1)
S15	IBtxOn(0)	S2	IBtxln(0)
S16	IBtxOp(0)	S1	IBtxlp(0)



title
4X EYEMAX W/THUMBSCREWS
CABLE ASSEMBLY (INFINIBAND™)
catalog no

dwg no
10018960

Rev.
F

CUSTOMER sheet 2 of 3

PRODUCT NUMBER
SEE NOTE 3
10018960-XXXXXAXLF

NOTES:

1. MATING RECEPTACLE DRAWING 10009629.
2. UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE =
< 1 METER = +/- 15.0mm
> 1 METER TO 10 METER = +/- 2% OF L2
> 10 METER = +0.00%/-4% OF L2
3. PART NUMBER DESCRIPTION: PENDING
10018960- X XX XX A X LF
SIGNAL WIRE
GAGE (AWG)
M: 24 AWG
N: 26 AWG
P: 28 AWG
R: 30 AWG
LEAD FREE (SEE NOTE 10)
E: EQUALIZED
U: UN-EQUALIZED
HARDWARE TYPE
A: THUMBSCREW
OVERALL LENGTH OF CABLE
XXXX = XX METERS, XX CENTIMETERS
EXAMPLES OF XXXX:
0046 = 0 METERS 46 CENTIMETERS
0850 = 8 METERS 50 CENTIMETERS

EXAMPLE: 10018960- M0850AULF = 24 AWG, 8.50 METER, THUMBSCREWS, UNEQUALIZED, LEAD FREE

4. UNLESS OTHERWISE SPECIFIED LABEL POSITION SHALL BE APPROXIMATELY 50mm FROM REAR OF CONNECTOR.
5. LABEL DETAILS:
 - MANUFACTURER CODE OR NAME
 - CUSTOMER P/N OR FCI P/N
 - REVISION
 - DATE CODE WW/YY FORMAT
 - COUNTRY ORIGIN

FONT SHALL BE CLEARLY VISIBLE 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 300V FOR MINIMUM OF 10ms, UNLESS ACTIVE COMPONENTS ARE USED IN THIS ASSEMBLY.
8. OTHER TESTING PERFORMED AS REQUIRED BY PRODUCT SPECIFICATION:GS-12-216.
9. CABLE ASSEMBLIES SHALL WITHSTAND AN AXIAL LOAD OF 171bs/75N AT A RATE OF 25.4mm PER MINUTE, DURATION OF 1 (ONE) HOUR, WITHOUT DAMAGE TO CABLE OR CONNECTOR. CABLE PRODUCT SPECIFICATION: GS-12-216
CONNECTOR PRODUCT SPECIFICATION: GS-12-209

10. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

LEAD FREE SOLDER TAIL PLATING 2um (80u") MIN. MATTE TIN
OVER 1.27um (50u") MIN. NICKEL UNDERPLATE.

PACKAGING OF LEAD FREE PRODUCTS MEETS LABELING AND PACKAGING SPECIFICATION GS-14-920.

11. CONNECTOR ASSEMBLIES SHOWN ARE FOR REFERENCE ONLY AND MAY NOT SHOW ALL PART DETAIL. REFERENCE CONNECTOR ASSEMBLY DRAWINGS FOR COMPLETE DETAILS.

12. GLOBAL STANDARDS FOR CABLE PACKAGING: GS-14-1093.

13. MATERIALS:
 - CABLE: FULLY SHIELDED, 8 DIFFERENTIAL PAIRS
 - COVERS: ZINC ALLOY WITH NICKEL OVERPLATE
 - CABLE COLLARS: PLASTIC
 - PLUG ASSEMBLIES: THERMOPLASTIC AND COPPER ALLOY
 - THUMBSCREWS: STAINLESS STEEL
 - PCB BOARD: FR4 FIBERGLASS



title
4X EYEMAX W/THUMBSCREWS
CABLE ASSEMBLY (INFINIBAND™)

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Rev.
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CUSTOMER

sheet 3 of 3