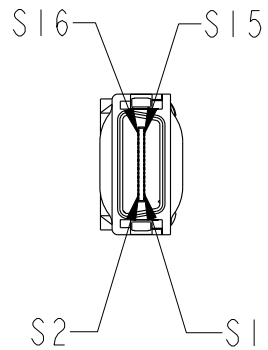


PRODUCT NUMBER
SEE NOTE 3
10007290-XXXXXCXLF

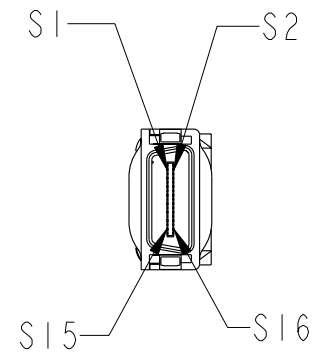
"L2"
OVERALL LENGTH
(NOTES 2 AND 3)



P1
4X EYEMAX
NOTE 11

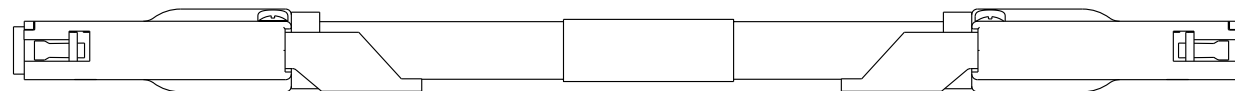
CABLE
NOTE 3

LABEL
NOTE 5



P2
4X EYEMAX
NOTE 11

NOTE 4

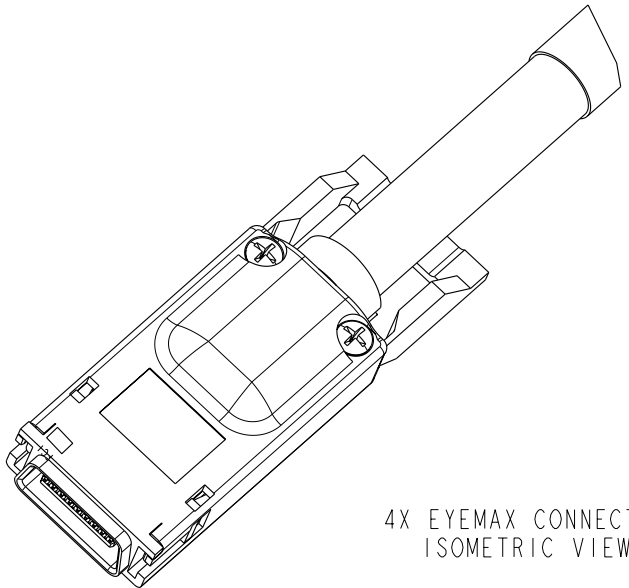


www.fciconnect.com			surface ☒		tolerance std		projection 		 MM		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	D. INGRAM	2007-01-04	ANGULAR		LINEAR		size A4		Scale 1:2		
Eng	C. GROSS	2007-01-04									0.xx
Chr	C. GROSS	2007-01-04	0°		±°		ECN		V06-1193		
Appr	C. GROSS	2007-01-04	Product family								C&A
			title 4X EYEMAX LATCH-STYLE CABLE ASSEMBLY (INFINIBAND™)				dwg no 10007290		Rev. H		
			catalog no -				CUSTOMER			sheet 1 of 3	



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PRODUCT NUMBER
SEE NOTE 3
I0007290-XXXXXCXLF



4X EYEMAX CONNECTOR
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 LATCH-STYLE CABLE ASSEMBLY (INFINIBAND™)		dwg no	I0007290	Rev. H
	catalog no				
CUSTOMER			sheet 2 of 3		

PRODUCT NUMBER
SEE NOTE 3
10007290-XXXXXCXLF

NOTES:

1. MATING RECEPTACLE DRAWINGS FCI 58368 OR 58369.
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
10007290-X XX XX C 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
C: PULL TAB

OVERALL LENGTH OF CABLE
XXXX = XX METERS, XX CENTIMETERS
EXAMPLES OF XXXX:
0046 = 0 METERS 46 CENTIMETERS
0850 = 8 METERS 50 CENTIMETERS

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 AND PULL TABS: PLASTIC
PLUG ASSEMBLIES: THERMOPLASTIC AND COPPER ALLOY
LATCH: STAINLESS STEEL
PCB BOARD: FR4 FIBERGLASS

EXAMPLE: 10007290- M0850CULF = 24 AWG, 8.50 METER, PULL TAB, 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.
S-12-216 AND
CONNECTOR PRODUCT SPECIFICATION GS-12-209.
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

	title	4X EYEMAX LATCH-STYLE CABLE ASSEMBLY (INFINIBAND™)	dwg no	10007290	Rev.	H
	catalog no	-	CUSTOMER	sheet 3 of 3		

Mouser Electronics

Authorized Distributor

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[FCI / Amphenol:](#)

[10007290-R0500CULF](#) [10007290-R0100CULF](#) [10007290-M0300CULF](#) [10007290-R0300CULF](#) [10007290-N1000CULF](#)