

PRODUCT NUMBER

SEE NOTE 3

"L2"  
OVERALL LENGTH  
(NOTES 2 & 3)

100MM

50MM

NOTE 4

P2

P2

P3

P4

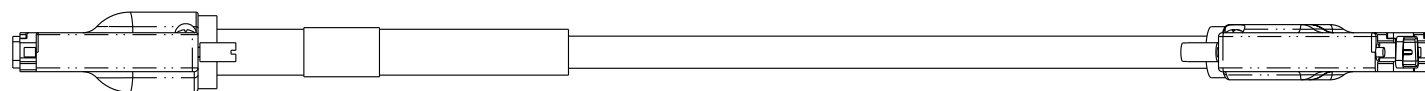
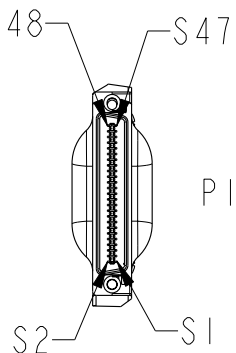
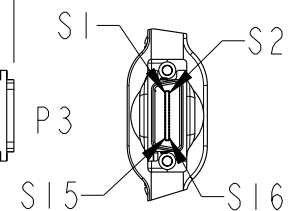
P4

4X EYEMAX  
NOTE 11

LABEL  
NOTE 5

TUBING

12X EYEMAX  
NOTE 11



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surface - ✓ tolerance std  
- ASME Y14.5 -  
TOLERANCES UNLESS OTHERWISE SPECIFIED

projection  
size A4

MM  
Scale  
1:2

Dr	M. HERNANDEZ	2007-05-29
Eng	J. DUARTE	2007-05-29
Chr	J. DUARTE	2007-05-29
Appr	J. DUARTE	2007-05-29

ANGULAR	0°	±0°
LINEAR	0.X	SEE
	0.XX	TABLE
	0.XXX	-

ECN	M07-0284
Spec ref	-



title  
CABLE ASSEMBLY INFINIBAND  
12X TO 3 (4X)

dwg no  
10079584

Rev.  
A

catalog no	-	CUSTOMER	sheet 1 of 3
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rev	ecn no	dr	date
A	M07-0284	MHT	2007-05-30
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-



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A

B

C

D

PIN OUT/WIRING LIST  
SEE NOTE 6

P1		P2	
PIN NUMBER	WIRE ID	PIN NUMBER	WIRE ID
G1-G25	GROUND	G1-G25	GROUND
S1	IBtxlp(0)	S15	IBtx0p(0)
S2	IBtxln(0)	S16	IBtx0n(0)
S3	IBtxlp(1)	S14	IBtx0p(1)
S4	IBtxln(1)	S13	IBtx0n(1)
S5	IBtxlp(2)	S11	IBtx0p(2)
S6	IBtxln(2)	S12	IBtx0n(2)
S7	IBtxlp(3)	S10	IBtx0p(3)
S8	IBtxln(3)	S9	IBtx0n(3)
S9	IBtxlp(4)	S7	IBtx0p(4)
S10	IBtxln(4)	S8	IBtx0n(4)
S11	IBtxlp(5)	S6	IBtx0p(5)
S12	IBtxln(5)	S5	IBtx0n(5)
S13	IBtxlp(6)	S3	IBtx0p(6)
S14	IBtxln(6)	S4	IBtx0n(6)
S15	IBtxlp(7)	S2	IBtx0p(7)
S16	IBtxln(7)	S1	IBtx0n(7)
P3			
S17	IBtxlp(8)	S15	IBtx0p(0)
S18	IBtxln(8)	S16	IBtx0n(0)
S19	IBtxln(9)	S14	IBtx0p(1)
S20	IBtxlp(9)	S13	IBtx0n(1)
S21	IBtxln(10)	S11	IBtx0p(2)
S22	IBtxlp(10)	S12	IBtx0n(2)
S23	IBtxln(11)	S10	IBtx0p(3)
S24	IBtxlp(11)	S9	IBtx0n(3)
S25	IBtxln(12)	S7	IBtx0p(4)
S26	IBtxlp(12)	S8	IBtx0n(4)
S27	IBtxln(13)	S6	IBtx0p(5)
S28	IBtxlp(13)	S5	IBtx0n(5)
S29	IBtxln(14)	S3	IBtx0p(6)
S30	IBtxlp(14)	S4	IBtx0n(6)
S31	IBtxln(15)	S2	IBtx0p(7)
S32	IBtxlp(15)	S1	IBtx0n(7)

REV F - 2006-04-17

2

2

3

P1

P4

PIN NUMBER	WIRE ID	PIN NUMBER	WIRE ID
S33	IBtxlp(16)	S15	IBtx0p(0)
S34	IBtxln(16)	S16	IBtx0n(0)
S35	IBtxlp(17)	S14	IBtx0p(1)
S36	IBtxln(17)	S13	IBtx0n(1)
S37	IBtxlp(18)	S11	IBtx0p(2)
S38	IBtxln(18)	S12	IBtx0n(2)
S39	IBtxlp(19)	S10	IBtx0p(3)
S40	IBtxln(19)	S9	IBtx0n(3)
S41	IBtxlp(20)	S7	IBtx0p(4)
S42	IBtxln(20)	S8	IBtx0n(4)
S43	IBtxlp(21)	S6	IBtx0p(5)
S44	IBtxln(21)	S5	IBtx0n(5)
S45	IBtxlp(22)	S3	IBtx0p(6)
S46	IBtxln(22)	S4	IBtx0n(6)
S47	IBtxlp(23)	S2	IBtx0p(7)
S48	IBtxln(23)	S1	IBtx0n(7)



title	CABLE ASSEMBLY INFINIBAND		dwg no	10079584	Rev.
	12X TO 3 (4X)				
catalog no	-	CUSTOMER	sheet 2 of 3		

PDM: Rev:A

STATUS:Released

4 Printed: Feb 09, 2010

# NOTES:

1 MATING RECEPTACLE DRAWING 10009626 (12X) AND 10009629 (4X)

- ② UNLESS OTHERWISE SPECIFIED ASSEMBLED LENGTH TOLERANCE  
 <1 METER = +/- 15.0 mm  
 >1 METER TO 10 METER = +/-2% OF L2  
 >10 METER = + 0.00%/-4% OF L2

- ③ PART NUMBER DESCRIPTION: PENDING  
 10079584-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 CENTINETERS  
 EXAMPLES OF XXXX:  
 0046: 0 METERS 46 CENTINETERS  
 0850: 8 METERS 50 CENTINETERS

EXAMPLE: XXXXXXXX-P002IAULF = 28 AWG, 21 CM, THUMBSCREW. 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  
 -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 1716s/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 CABLE ASSEMBLY INFINIBAND 12X TO 3 (4X)		dwg no 10079584		Rev A
	catalog no -		CUSTOMER	sheet 3 of 3	