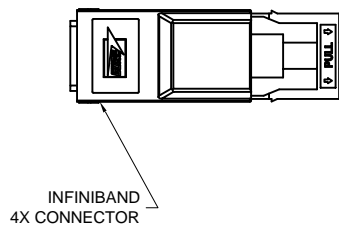
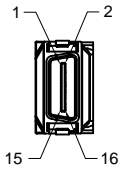
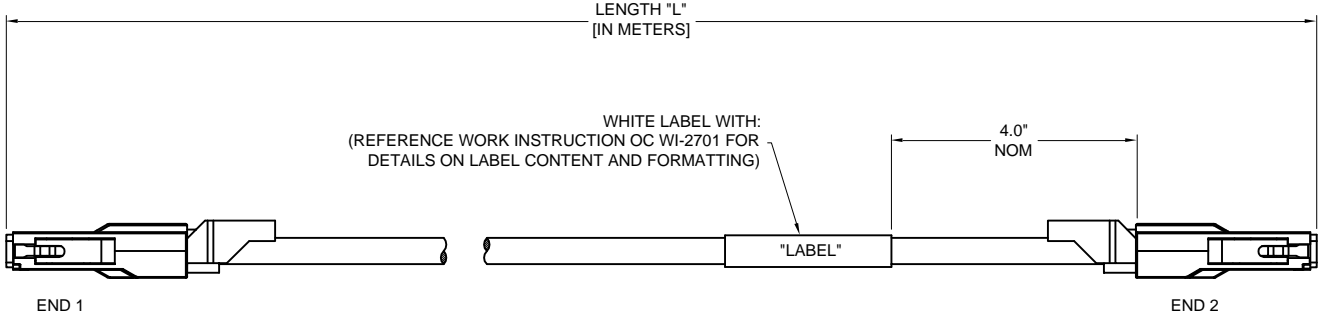
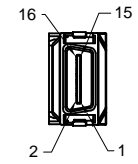
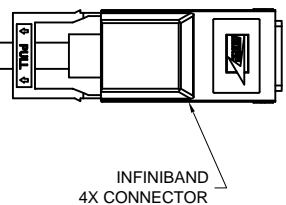


8 7 6 5 4 3 2 1



26 AWG CABLE
105 OHM DIFFERENTIAL PAIR (8X)



NOTES:

- 1- DIFFERENTIAL Z_0 SHALL BE 105 ± 5 OHMS BETWEEN LEGS OF ANY DIFFERENTIAL PAIR.
- 2- MAXIMUM DIFFERENTIAL SKEW BETWEEN LEGS OF ANY DIFFERENTIAL PAIR IS RECOMMENDED TO BE LESS THAN 120 PSEC.
- 3- CROSSTALK: $< 4\%$
- 4- MINIMUM EYE DIMENSIONS: HEIGHT: 316 mV, WIDTH: 300ps, JITTER: 100 ps.
- 5- MAXIMUM ASSEMBLY INSERTION LOSS: 10dB @ 1.25 GHz
- 6- LENGTH TOLERANCE: 5 METERS AND UNDER +4.0 INCHES/-0.0 INCHES
OVER 5 METERS +6.0 INCHES/-0.0 INCHES
- 7- CABLE EMI SHIELD SHALL BE TERMINATED TO BOTH CONNECTOR SHELLS.
- 8- CUSTOMER WILL SPECIFY LENGTH (IN METERS) BY INSERTING DESIRED LENGTH AS A DASH NUMBER AFTER THE IBN PART NUMBER WHEN ORDERING.
- 9- CONNECTOR PINOUT AND DETAIL ON PAGE 2.

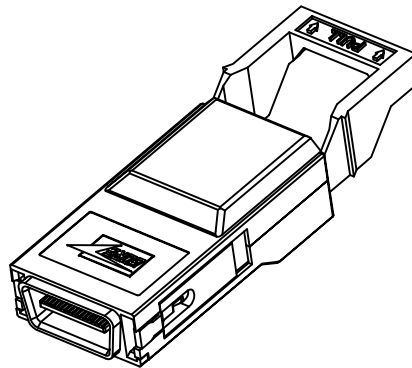
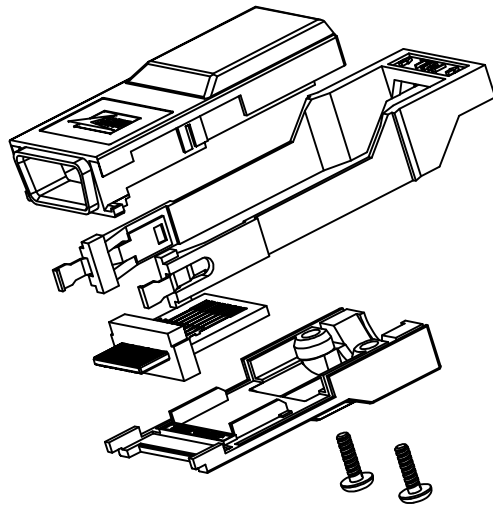
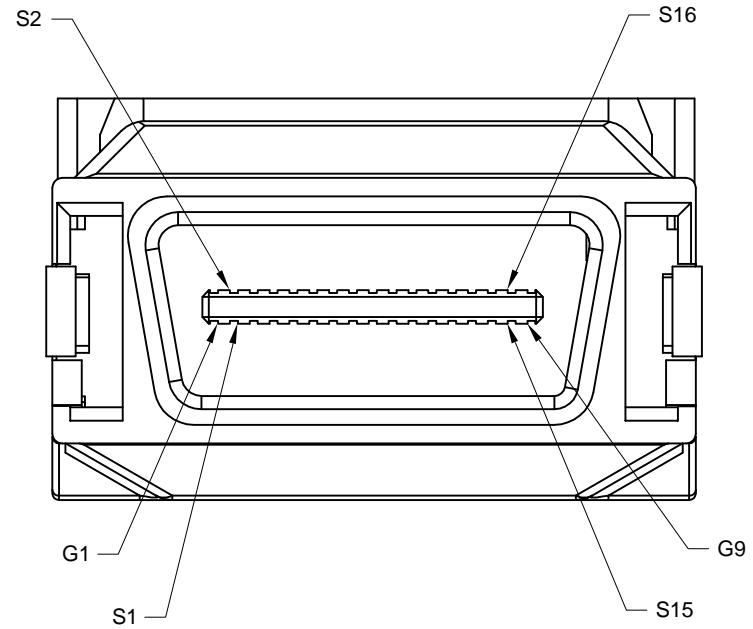
W. L. GORE & ASSOCIATES, INC. (Gore)
Electronic Products Division
P.O. Box 160, Elkton, Maryland 21922-0160
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DEFECT CLASSIFICATION KEY <small>Absence of a defect symbol from any feature indicates minor classification</small>	DIMENSIONS ARE IN INCHES	UNLESS OTHERWISE SPECIFIED	Drawn ECL 19 FEB 2003	Check	Approval
▼ Critical Feature	DO NOT SCALE DRAWING	.X ± N/A	Material N/A		
▽ Major 1 Feature	DEBURR SHARP EDGES	.XX ± N/A	Heat Treat N/A		
▽ Major 2 Feature		.XXX ± N/A	Finish N/A		
▽ Plating Verification	INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5M-1994 (R1994)	FRACTIONS ± N/A	Title INFINIBAND 4X ASSEMBLY - IBN4600-L		
		ANGLES ± N/A	Dwg Size C	Sheet 1 of 2	Scale 1:1
		SURFACE TEXTURE N/A ✓	Revision	Rev Date 17 MAY 2005	Drawing Number 54710078
		BREAKS AND FILLETS N/A MAX	Rev Description DCN NO 05-068		
			Rev Level D		

8 7 6 5 4 3 2 1

WIRING CHART			
END 1		END 2	
POS. #	ASSIGN	POS. #	ASSIGN
G1-G8	SIGNAL GROUND	G1-G8	SIGNAL GROUND
1	R+ (BIT 0)	16	T+ (BIT 0)
2	R- (BIT 0)	15	T- (BIT 0)
3	R+ (BIT 1)	14	T+ (BIT 1)
4	R- (BIT 1)	13	T- (BIT 1)
5	R+ (BIT 2)	12	T+ (BIT 2)
6	R- (BIT 2)	11	T- (BIT 2)
7	R+ (BIT 3)	10	T+ (BIT 3)
8	R- (BIT 3)	9	T- (BIT 3)
9	T- (BIT 3)	8	R- (BIT 3)
10	T+ (BIT 3)	7	R+ (BIT 3)
11	T- (BIT 2)	6	R- (BIT 2)
12	T+ (BIT 2)	5	R+ (BIT 2)
13	T- (BIT 1)	4	R- (BIT 1)
14	T+ (BIT 1)	3	R+ (BIT 1)
15	T- (BIT 0)	2	R- (BIT 0)
16	T+ (BIT 0)	1	R+ (BIT 0)
HOUSING	CHASSIS GROUND	HOUSING	CHASSIS GROUND



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DEFECT CLASSIFICATION KEY <small>Absence of a defect symbol from any feature indicates minor classification</small>		DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE SPECIFIED		Drawn ECL 19 FEB 2003 Check <input type="checkbox"/> Approval <input type="checkbox"/>	
▼	Critical Feature	DO NOT SCALE DRAWING	.X ± N/A	.XX ± N/A	.XXX ± N/A	Material	N/A
▽	Major 1 Feature	DEBURR SHARP EDGES	.XXXX ± N/A	FRACTIONS ± N/A	ANGLES ± N/A	Heat Treat	N/A
▽	Major 2 Feature	Third Angle Projection	SURFACE TEXTURE	N/A ✓	BREAKS AND FILLETS	Finish	N/A
Ⓟ	Plating Verification	INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.3M-1994 (R1994)	N/A	MAX		Title INFIBAND 4X ASSEMBLY - IBN4600-L	
						Dwg Size	C
						Sheet	2 of 2
						Scale	1:1
						Rev Date	17 MAY 2005
						Rev Description	DCN NO 05-068
						Drawing Number	54710078
						Rev Level	D