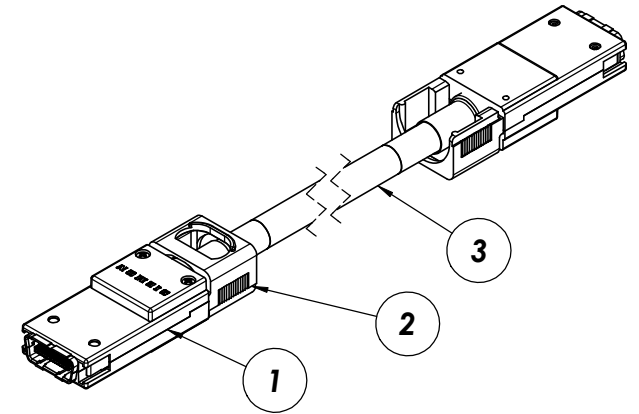
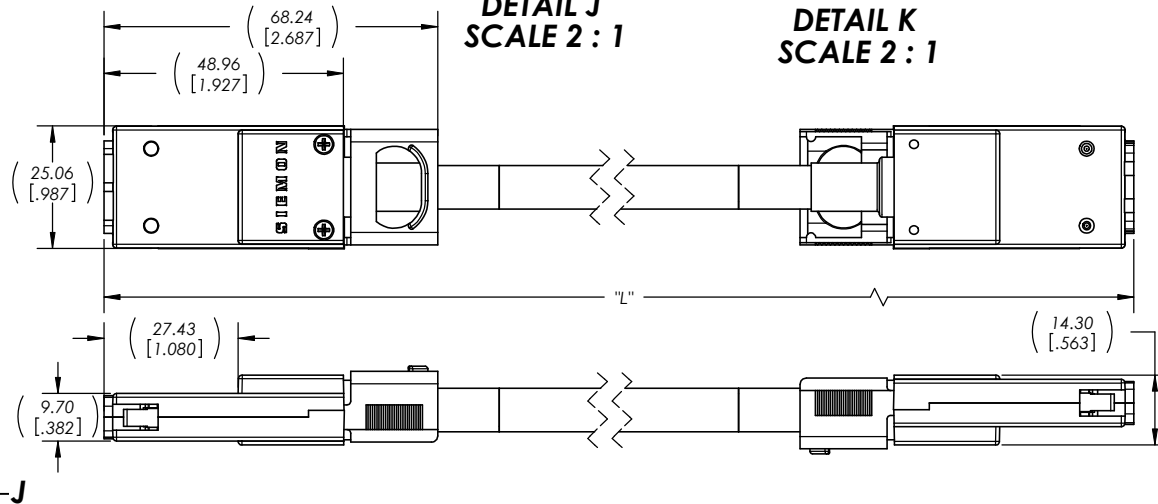
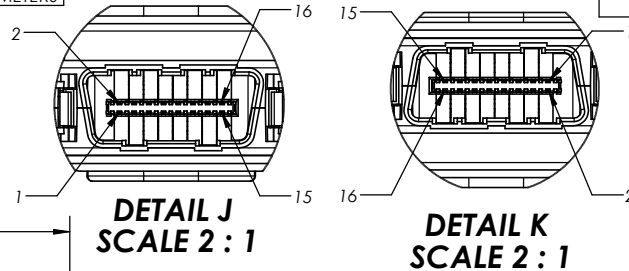


ITEM NO.	DESCRIPTION	QTY.
1	OUTER SHELL AND CONTACT ASSEMBLY	2
2	LATCH SLIDE PULL	2
3	CABLE, VARIABLE LENGTH AND AWG	XX METERS

REVISIONS					
REV.	ICN/ECO	DESCRIPTION	BY	DATE	APPROVED
A	2461	PRODUCTION RELEASE	MJP	12/16/09	
B	2602	ADDED SHEET 2: REFERENCE FOR MINIMUM BEND RADIUS RECOMMENDATION	MJP	04/21/10	



WIRING DIAGRAM	
PLUG 1	PLUG 2
1	16
2	15
3	14
4	13
5	12
6	11
7	10
8	9
9	8
10	7
11	6
12	5
13	4
14	3
15	2
16	1

	MAXIMUM RECOMMENDED CABLE LENGTH FOR A GIVEN WIRE AWG AND DATA RATE			
	24 AWG	26 AWG	28 AWG	30 AWG
INFINIBAND SINGLE DATA RATE (2.5 Gbps)	21m	16m	13m	10m
CX4 (3.125 Gbps)	16m	13m	11m	9m
INFINIBAND DOUBLE DATA RATE (5.0 Gbps)	8.5m	7m	5m	4.5m

CX4(XX)-(XXX.X)

CONDUCTOR AWG ————— LENGTH IN METERS
 e.g. CX424-015 = 24AWG, 15M. CX430-000.5 = 30AWG, 0.5M

LENGTH	TOLERANCE
UP TO 1M	+/- 40.0mm
1M-10M	+/- 70.0mm
GREATER THAN 10M	+/- 100mm

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THE SIEMON COMPANY
 101 SIEMON COMPANY DRIVE
 WATERTOWN, CT 06795
 (860) 945-4200
 www.siemon.com

DATE: 2009-12-18
 DRAWN BY: PARDEE
 CHECKED BY: GIAMPIETRO
 ENGINEER: PARDEE
 DATE: 12/18/2009

TOLERANCES	
0 [0]	±1 [±.04]
.0 [.00]	±0.5 [±.02]
.0 [.000]	±0.25 [±.01]
ANGLE	±1°

ANSI Y14.5M-1982 OR ISO 1101, 129 & 3040
 PRIMARY DIMENSIONS ARE MILLIMETERS
 DIMENSIONS IN BRACKETS [] ARE INCHES
 DO NOT SCALE

TITLE: **8470 (CX4) CABLE ASSEMBLY**

DWG. SIZE: **B** DWG. NO.: **M-9032328**

PART NO.: **CX4(XX)-(XXX.X)** REV.: **B**

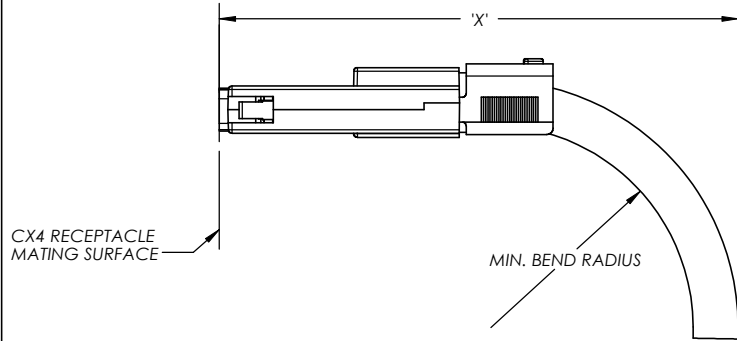
SCALE: 1:1 SHEET 1 OF 2

- NOTES:
- MATERIAL: SHELL - ZINC DIE CAST, LATCH MECHANISM - UL94V-0 RATED LIQUID CRYSTAL POLYMER & STAINLESS STEEL, SLIDE PULL - UL94V-2 RATED NYLON
 - CABLE ASSEMBLY IS COMPLIANT WITH SFF-8470 AND INFINIBAND ARCHITECTURE SPECIFICATION VOLUME 2 RELEASE 1.2.1.
 - 100% TESTED FOR ELECTRICAL CONTINUITY
 - CUSTOM OPTIONS AVAILABLE. CONTACT A SIEMON COMPANY CUSTOMER SERVICE REPRESENTATIVE FOR MORE INFORMATION

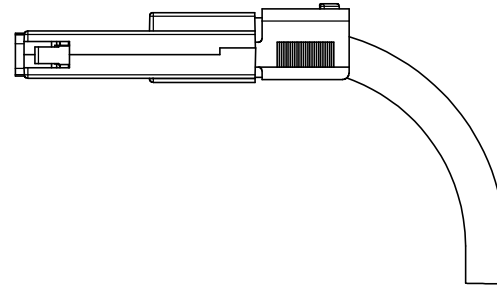
CUSTOMER USE DRAWING

CX4 MIN. BEND RADIUS (FOR REFERENCE ONLY)

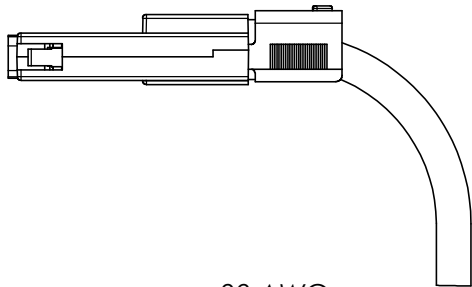
AWG	CABLE OD mm [in]	MIN. 1X BEND RADIUS (5X CABLE DIA) mm [in]	MIN. REPEATED BEND RADIUS (10X CABLE DIA) mm [in]	"X" MIN., SINGLE BEND REFERENCE mm [in]	"X" MIN., REPEATED BEND REFERENCE mm [in]
24	9.19 [0.362]	46.0 [1.81]	91.9 [3.62]	106 [4.2]	152 [6.0]
26	8.13 [0.32]	40.7 [1.60]	81.3 [3.20]	99 [3.9]	140 [5.5]
28	7.11 [0.28]	35.6 [1.40]	71.1 [2.80]	93 [3.7]	129 [5.1]
30	6.10 [0.24]	30.5 [1.20]	61.0 [2.40]	87 [3.4]	118 [4.6]



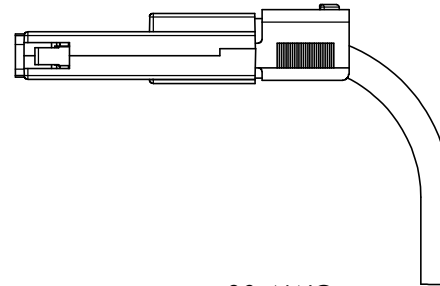
24 AWG



26 AWG



28 AWG



30 AWG

NOTES:

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	TOLERANCES 0 [.0] ±1 [±.04] .0 [.00] ±0.5 [±.02] .0 [.000] ±0.25 [±.01]		DWG. NO. M-9032328
	DRAWN BY: PARDEE	DATE: 2009-12-18	DWG. SIZE B
	CHECKED BY: GIAMPIETRO	DATE: 12/18/2009	PART NO. CX4(XX)-(XXX.X)
	ENGINEER: PARDEE	DATE: 12/18/2009	REV. B
ANSI Y14.5M-1982 OR ISO 1101, 129 & 3040 PRIMARY DIMENSIONS ARE MILLIMETERS DIMENSIONS IN BRACKETS [] ARE INCHES		DO NOT SCALE	SCALE 1:1

SHEET 2 OF 2

CUSTOMER USE DRAWING