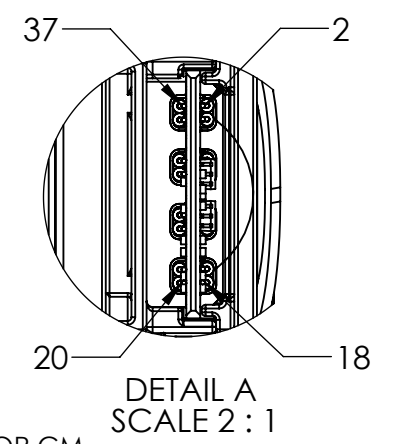
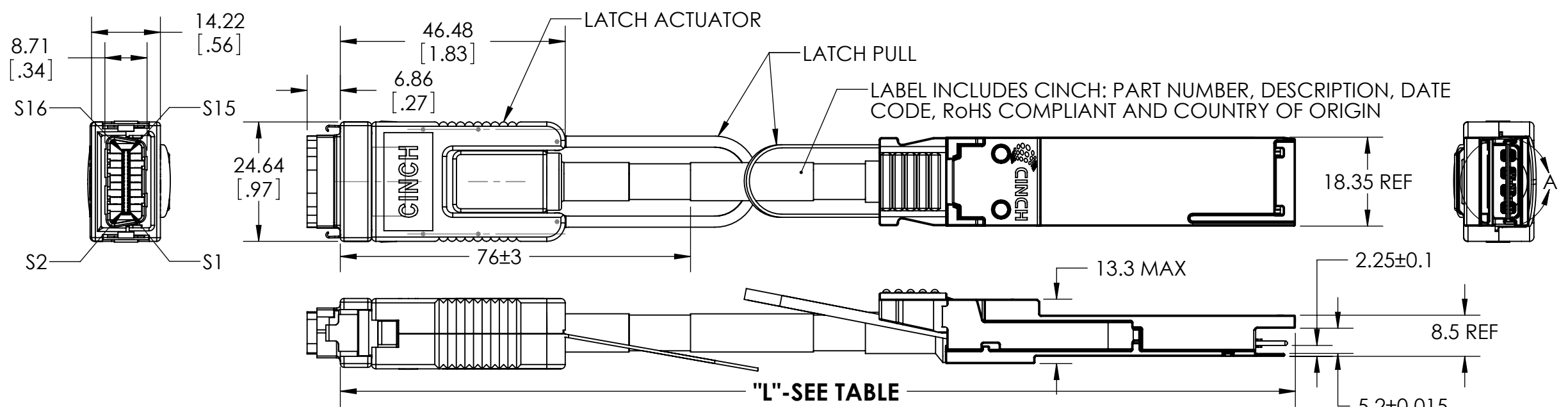


DRAWING REVISIONS (RELEASE DATE ON FILE)			
REV	DOCUMENT	APP	APPROVAL DATE
1	INITIAL RELEASE	VS	08/09



**NOTES:**  
**CABLE SPECIFICATIONS:**  
 TWINAX; FULLY SHIELDED DIFFERENTIAL PAIRS, 28 AWG; UL STYLE CL2 OR CM.  
 CHARACTERISTIC IMPEDANCE: 100. +/- 10 OHMS.  
**QSFP+**  
 DC BLOCKING CAPS (0.1uF) ON Rx ONLY.  
 EEPROM PROGRAMMED per SFF8436  
 I<sup>2</sup>C MODULE SELECT BUFFER INCLUDED.

**PLUG MATERIALS:**  
**NX**  
 CONTACTS - COPPER ALLOY; GOLD PLATED OVER NICKEL.  
 SHELL - ZINC DIE CAST; NICKEL PLATED OVER COPPER.  
 LATCH MECHANISM - THERMOPLASTIC AND NICKEL ALLOY.  
 CONNECTOR HOUSING - HIGH TEMPERATURE THERMO-PLASTIC UL94V-0.  
**QSFP+**  
 PADS - GOLD PLATED OVER NICKEL OVER COPPER BASE MATERIAL.  
 SHELL - ZINC DIE CAST; NICKEL PLATED OVER COPPER PLATING.  
 LATCH MECHANISM - ZINC DIE CAST; NICKEL PLATED OVER COPPER.

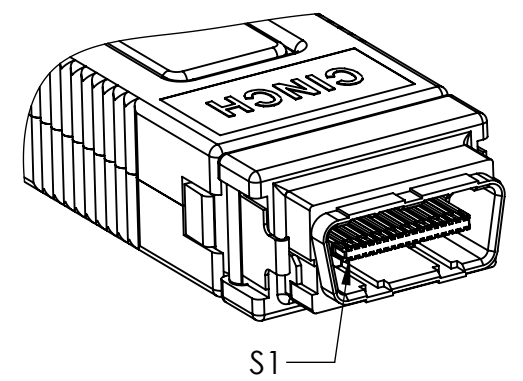
**MECHANICAL PERFORMANCE:**  
 LATCH RETENTION FORCE: (NX) 75 N (16.9 LBS) MIN. DURABILITY - 250 CYCLES  
 (QSFP+) 90 N (20.2 LBS) MIN. DURABILITY - 50 CYCLES

**ENVIRONMENT:**  
 OPERATING TEMPERATURE RANGE: -20°C to 75°C.

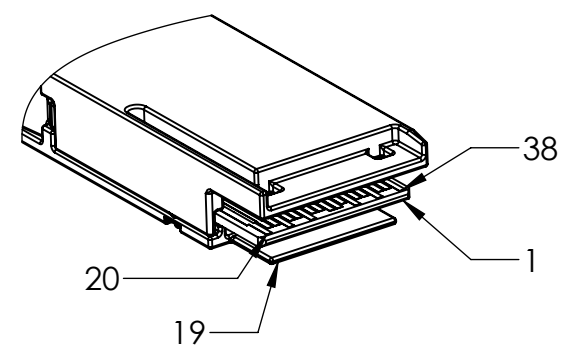
**PERFORMANCE:**  
 DIRECT ATTACH CABLE ASSEMBLY MEETS SAS AND InfiniBand™ REQUIREMENTS FOR HIGH SPEED DATA TRANSFERS AND SFF 8470 AND SFF8436.

**QSFP+ CABLE PLUG IS SHIPPED WITH DUST CAP IN PLACE.**

**DIMENSIONS IN [ ] ARE IN INCHES.**



**NX MATING FACE**



**QSFP+ MATING FACE**

STANDARD PART NUMBERS CONSULT FACTORY FOR CUSTOM CONFIGURATIONS AND LENGTH	
28 AWG CABLE	
"L" Meters	Part Number
0.5 METERS	717 06 00 040
1 METERS	717 06 00 041
2 METERS	717 06 00 042
3 METERS	717 06 00 045
4 METERS	717 06 00 043
5 METERS	717 06 00 044
6 METERS	717 06 00 046

TOLERANCE TABLE	
"L" LENGTH	TOLERANCE
UP TO 1M	± 40.0 mm
1M TO 10M	± 70.0 mm OF "L"
GREATER THAN 10M	± 100.0 mm OF "L"

**RoHS COMPLIANT**

UNITS		Solidworks		MODELED BY:			
METRIC		DESIGN ENGINEER		1700 FINLEY RD LOMBARD, IL. 60148			
DO NOT SCALE DRAWING		DATE		TITLE			
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN MILLIMETERS		E. MARIANO		STANDARD 4X STRAIGHT DIRECT QSFP+ TO NX HYBRID 28 AWG CABLE W/LATCH			
FILLET/RADII 0.50 MAX.		08/17/09		MATERIAL			
TOLERANCES X ± .3 XX ± .13 XXX ± .025 ANGULAR ± .5°		APPROVALS ON FILE		NONE			
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				NONE		*	
				MATERIAL SPEC NUMBER		FINISH	
		NONE		NONE			
		CAD FILE NUMBER		PROJECT NUMBER			
		717 06 00 040S		C14981			
		CAGE IDENT NO.		DRAWING NUMBER			
		71785		7170600040S			
		SIZE		SCALE			
		B		1:1			
				SHEET 1 OF 1			