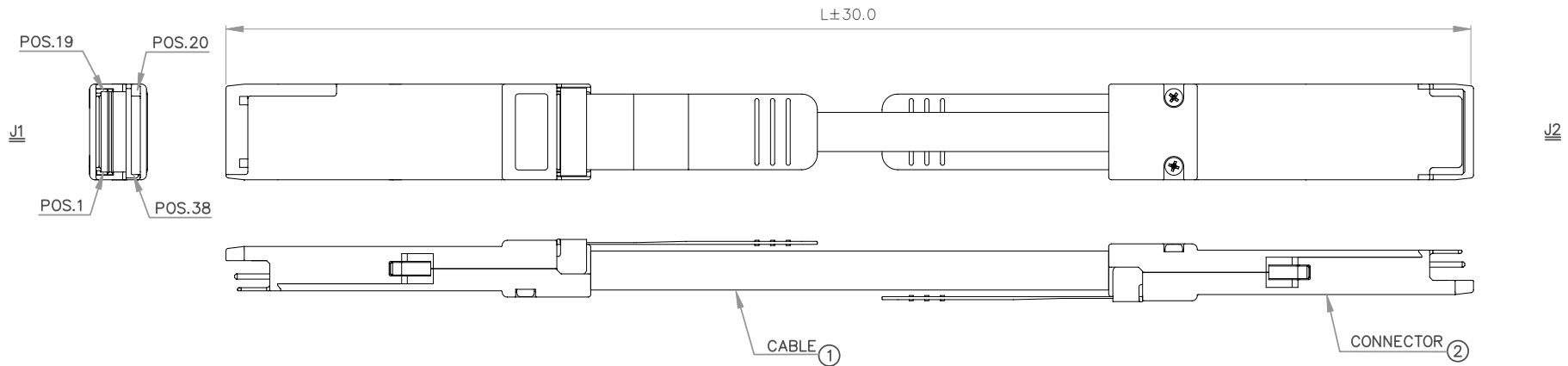


REV	DESCRIPTION	Date	APPROVED
A	PRODUCTION RELEASE	07/10/09	



Wiring Diagram

High Speed Signal			
P1(4x-Pluggable-QSFP)		P2(4x-Pluggable-QSFP)	
Pad	Signal	Pad	Signal
02	TX2n	21	RX2n
03	TX2p	22	RX2p
05	TX4n	24	RX4n
06	TX4p	25	RX4p
14	RX3p	33	TX3p
15	RX3n	34	TX3n
17	RX1p	36	TX1p
18	RX1n	37	TX1n
21	RX2n	02	TX2n
22	RX2p	03	TX2p
24	RX4n	05	TX4n
25	RX4p	06	TX4p
33	TX3p	14	RX3p
34	TX3n	15	RX3n
36	TX1p	17	RX1p
37	TX1n	18	RX1n
GND Group	GND	GND Group	GND
GND Group	GND	GND Group	GND
01,04,07,13,16,19		01,04,07,13,16,19	
20,23,26,32,35,38		20,23,26,32,35,38	
Connector Shell		Connector Shell	

Low Speed Signal & Power	
P1(4x-Pluggable-QSFP)	
Pad	SIGNAL
08	ModSelL
09	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMODE

Low Speed Signal & Power	
P2(4x-Pluggable-QSFP)	
Pad	Signal
08	ModSelL
09	ResetL
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMODE

NOTE:
1. PACKAGING: 1PC/BAG.

GC55724003	3M
GC55724002	2M
GC55724001	1M
PART NO.	LENGTH

NO.	ITEM	DESCRIPTION
2	CONNECTOR	J1, J2: 4X-PLUGGABLE-QSFP(SFF-8436) 1. PCB: FR4, 4 LAYERS (SPCB040068A, AC COUPLING) 2. LATCH: STAINLESS STEEL WITH PULL TAB. 3. BACKSHELL - ZINC DIE CASTING HOOD/NICKEL PLATING.
1	CABLE	CONDUCTOR: 28AWG SOLID SILVER PLATED COPPER. 0.320MM DIAMETER. INSULATION: 0.3048MM OF FOAM POLYOLEFIN, 0.939MM DIAMETER, COLOR=NATURAL. PAIR: 2 SINGLES LAID FLAT AND PARALLEL. PAIR DRAIN WIRE: 30AWG SOLID SILVER PLATED COPPER. PAIR SHIELD: ALUMINUM/POLYESTER TAPE. ALUMINUM SIDE FACING IN, 25% OVERLAP. INNER SHIELD: ALUMINUM/POLYESTER TAPE, ALUMINUM SIDE FACING OUT, 25% OVERLAP. OUTER SHIELD: 38AWG TIN PLATED COPPER BRAID, 85% COVERAGE. DIAMETER: 7.874MM NOMINAL. PRINT LEGEND: "(UL) TYPE CL2 75°C 28AWG MADISON CABLE C(UL) TYPE CMG 75°C TurboTwin "RoHS COMPLIANT" DIFFERENTIAL IMPEDANCE: 100±5 OHMS @TDR UL LISTING: TYPE CL2 AS SPECIFIED IN ARTICLE 725 OF THE NATIONAL ELECTRICAL CODE

*DC Blocking Caps on Rx Side.

UNLESS OTHERWISE SPECIFIED
DIMENSION TOLERANCES ARE

DECIMALS	ANGULAR
.X	+/- .050
.XX	+/- .010
.XXX	+/- .005

DO NOT SCALE DRAWING

CABLESYS

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WWW.CABLESYS.COM

QSFP / QSFP PASSIVE CABLE ASSY

DESIGNER	SHIU	SIZE	A	FILE NO.	OFF SHELF CABLE/GC55724000	REV.	A
DRAFTSMAN	H.W	UNIT	MM	PAGE NO.	1/1	ITEM NO.	GC55724000
APPROVED BY		SCALE	NTS	DATE	07/10/09	DWG NO.	55724000

Approved by: _____ Title: _____ Date: _____