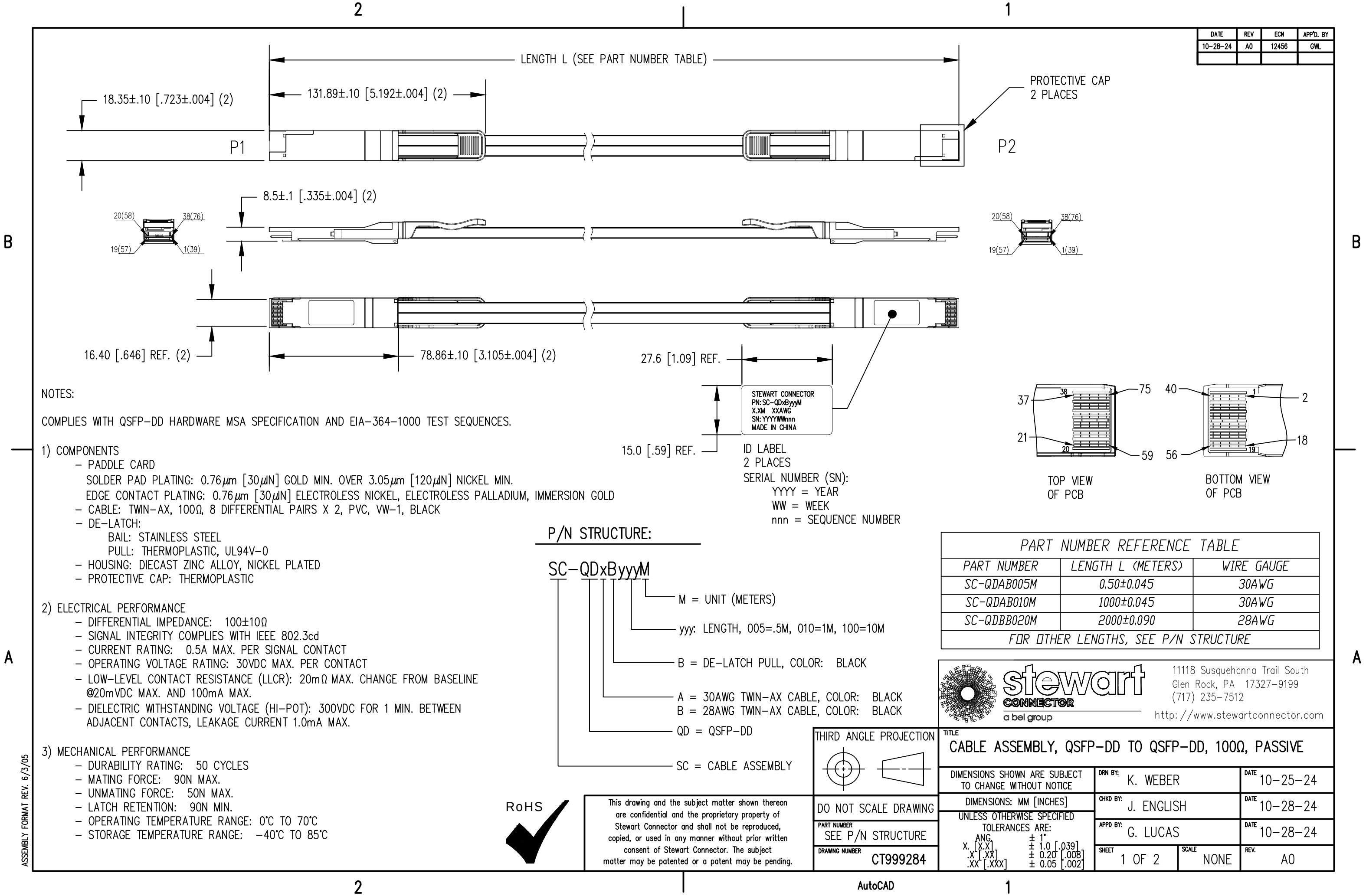
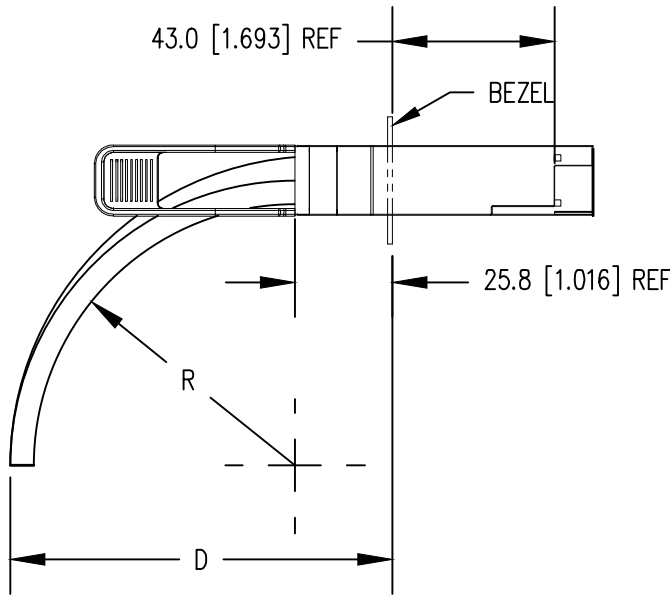




WIRING DIAGRAM



WIRE GAUGE	MIN BEND RADIUS R (REF)	MIN BEND DISTANCE D (REF)
30 AWG	R69 [2.717]	94.8 [3.732]
28 AWG	R71 [2.795]	96.8 [3.811]

P1		DESCRIPTION	DESCRIPTION	P2	
SYMBOL	PIN #			PIN #	SYMBOL
GND	1	GND	GND	20	GND
Tx2n	2	----->		21	RX2N
Tx2p	3	----->		22	RX2P
GND	4	GND	GND	23	GND
Tx4n	5	----->		24	RX4N
Tx4p	6	----->		25	RX4P
GND	7	GND	GND	26	GND
ModSelL	8	MODULE SELECT	MODULE PRESENT	27	ModPresL
ResetL	9	MODULE RESET	INTERRUPT	28	IntL
VccRx	10	+3.3V RECEIVER	+3.3V TRANSMITTER	29	VccTX
SCL	11	INTERFACE CLOCK	+3.3 SUPPLY	30	Vcc1
SDA	12	INTERFACE DATA	LOW POWER MODE	31	LPMODE
GND	13	GND	GND	32	GND
Rx3p	14	<-----		33	TX3P
Rx3n	15	<-----		34	TX3N
GND	16	GND	GND	35	GND
Rx1p	17	<-----		36	TX1P
Rx1n	18	<-----		37	TX1N
GND	19	GND	GND	38	GND
GND	20	GND	GND	1	GND
Rx2n	21	<-----		2	TX2N
Rx2p	22	<-----		3	TX2P
GND	23	GND	GND	4	GND
Rx4n	24	<-----		5	TX4N
Rx4p	25	<-----		6	TX4P
GND	26	GND	GND	7	GND
ModPrsL	27	MODULE PRESENT	MODULE SELECT	8	ModSelL
IntL	28	INTERRUPT	MODULE RESET	9	RESETL
VccTx	29	+3.3V TRANSMITTER	+3.3V RECEIVER	10	VccRX
Vcc1	30	+3.3V SUPPLY	INTERFACE CLOCK	11	SCL
LPMODE	31	LOW POWER MODE	INTERFACE DATA	12	SDA
GND	32	GND	GND	13	GND
Tx3p	33	----->		14	RX3P
Tx3n	34	----->		15	RX3N
GND	35	GND	GND	16	GND
Tx1p	36	----->		17	RX1P
Tx1n	37	----->		18	RX1N
GND	38	GND	GND	19	GND

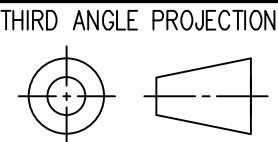
P1		DESCRIPTION	DESCRIPTION	P2	
SYMBOL	PIN #			PIN #	SYMBOL
GND	39	GND	GND	58	GND
Tx6n	40	----->		59	RX6N
Tx6p	41	----->		60	RX6P
GND	42	GND	GND	61	GND
Tx8n	43	----->		62	RX8N
Tx8p	44	----->		63	RX8P
GND	45	GND	GND	64	GND
Reserved	46	MODULE SELECT	MODULE PRESENT	65	NC
VS1	47	MODULE RESET	INTERRUPT	66	Reserved1
VccRx1	48	3.3V RECEIVER	3.3V TRANSMITTER	67	VccTX1
VS2	49	INTERFACE CLOCK	3.3V SUPPLY	68	Vcc2
VS3	50	INTERFACE DATA	LOW POWER MODE	69	RESERVED
GND	51	GND	GND	70	GND
Rx7p	52	<-----		71	TX7P
Rx7n	53	<-----		72	TX7N
GND	54	GND	GND	73	GND
Rx5p	55	<-----		74	TX5P
Rx5n	56	<-----		75	TX5N
GND	57	GND	GND	76	GND
GND	58	GND	GND	39	GND
Rx6n	59	<-----		40	TX6N
Rx6p	60	<-----		41	TX6P
GND	61	GND	GND	42	GND
Rx8n	62	<-----		43	TX8N
Rx8p	63	<-----		44	TX8P
GND	64	GND	GND	45	GND
NC	65	MODULE PRESENT	MODULE SELECT	46	Reserved
Reserved1	66	INTERRUPT	MODULE RESET	47	VS1
VccTx1	67	3.3V TRANSMITTER	3.3V RECEIVER	48	VccRX1
Vcc2	68	3.3V SUPPLY	INTERFACE CLOCK	49	VS2
Reserved2	69	LOW POWER MODE	INTERFACE DATA	50	VS3
GND	70	GND	GND	51	GND
Tx7p	71	----->		52	RX7P
Tx7n	72	----->		53	RX7N
GND	73	GND	GND	54	GND
Tx5p	74	----->		55	RX5P
Tx5n	75	----->		56	RX5N
GND	76	GND	GND	57	GND

NOTES:
1. ALL GND CONNECTIONS ARE COMMON.

RoHS



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DO NOT SCALE DRAWING

PART NUMBER
SEE P/N STRUCTURE
DRAWING NUMBER
CT999284

11118 Susquehanna Trail South
Glen Rock, PA 17327-9199
(717) 235-7512
<http://www.stewartconnector.com>

TITLE CABLE ASSEMBLY, QSFP-DD TO QSFP-DD, 100Ω, PASSIVE			
DIMENSIONS SHOWN ARE SUBJECT TO CHANGE WITHOUT NOTICE		DRN BY: K. WEBER	DATE 10-25-24
DIMENSIONS: MM [INCHES]		CHKD BY: J. ENGLISH	DATE 10-28-24
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: ANG ± 1° X.X [X.X] ± 1.0 [0.39] X.X [X.X] ± 0.20 [0.08] XX [X.XX] ± 0.05 [0.02]		APPD BY: G. LUCAS	DATE 10-28-24
SHEET 2 OF 2	SCALE NONE	REV. A0	