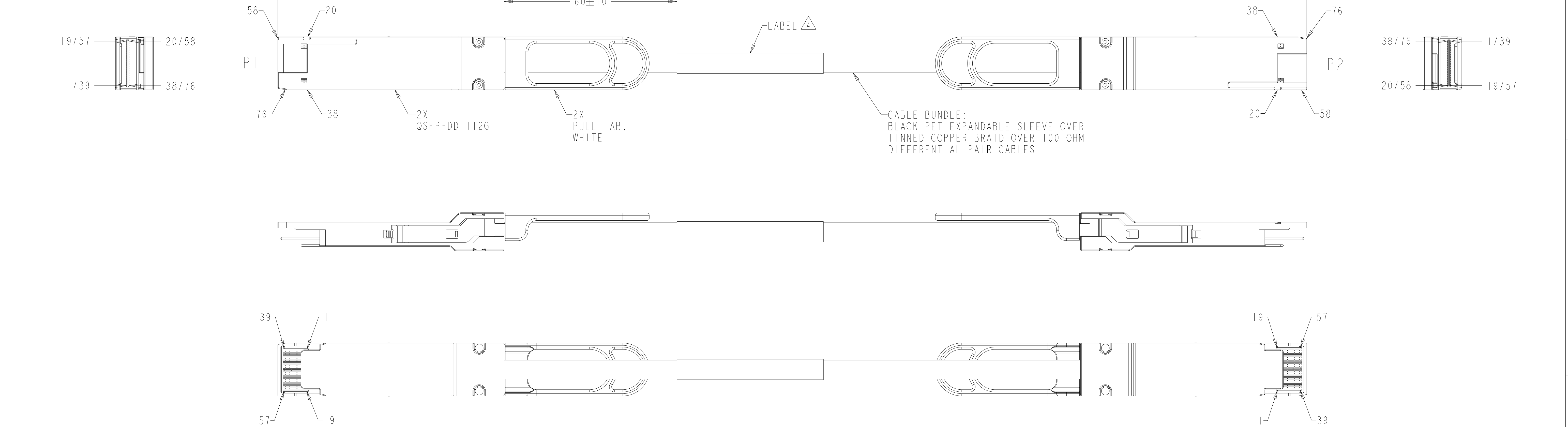




1. ALL MATERIALS, COMPONENTS AND PROCESS COMPLY WITH TEC-138-702. (CONTAINS NO BANNED OR RESTRICTED SUBSTANCES).
2. NO REACH SvHC SHALL BE CONTAINED ABOVE THE THRESHOLD AS DEFINED IN REACH SvHC COMPLIANCE DEFINITION IN ANNEX A OF TEC-138-702.
3. CABLE ASSEMBLIES ARE 100% TESTED FOR OPENS, SHORTS AND PROPER EEPROM PROGRAM.

4 LABEL INFORMATION: BARCODE FORMAT - CODE 39

2393749-X
XM XXAWG 112G
PPPPPLYYYWWSSS
MADE IN: _____

TE PN

CONFIGURATION

SERIAL NUMBER:
INCLUDES PN, MANUFACTURING LOCATION, AND DATE CODE

SERIAL NUMBER BARCODE

COUNTRY OF ORIGIN

5. REFERENCE QSFP-DD MSA AND IEEE 802.3ck.
- 6 CABLES INDICATED MAY NOT MEET ALL IEEE 802.3ck 112G PAM4 PARAMETERS.

594BQM	0.9M 28AWG 112G	900±15	1-2393749-3
594BQL	0.7M 28AWG 112G	700±15	1-2393749-2
594BQK	0.6M 28AWG 112G	600±15	1-2393749-1
594BQJ	6 4M 28AWG 112G	4000±25	1-2393749-0
594BQH	1.2M 28AWG 112G	1200±15	2393749-9
594BQG	0.8M 28AWG 112G	800±15	2393749-8
594BQF	6 3M 28AWG 112G	3000±25	2393749-7
594BQE	6 2.5M 28AWG 112G	2500±20	2393749-6
594BQD	6 2M 28AWG 112G	2000±20	2393749-5
594BQC	6 1.5M 28AWG 112G	1500±15	2393749-4
594BQB	1M 28AWG 112G	1000±15	2393749-3
594BQA	6 0.5M 28AWG 112G	500±15	2393749-2
594BQ9	1.4M 28AWG 112G	1400±15	2393749-1
PPPPPP SN PREFIX	CONFIGURATION	L	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
-
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±"
1 PLC ±"
2 PLC ±"
3 PLC ±"
4 PLC ±"
ANGLES ±"
FINISH -
-

APVD
M. SYPOLT 30JUN2021

PRODUCT SPEC
108-160250

APPLICATION SPEC
114-152108

WEIGHT
-

CUSTOMER DRAWING

DWN
HAMNER 21JUN2021

CHK
J. ROSSMAN

NAME
CABLE ASSY, 28AWG PASSIVE, QSFP-DD 112G

SIZE
A

CAGE CODE
00779

DRAWING NO
2393749

RESTRICTED TO
-

SCALE
3:2

SHEET
1

OF
2

REV
A1

TE Connectivity

4805 (3/13)

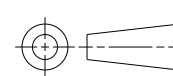
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

WIRING PATTERN

CABLE SHIELD IS COMMONED TO BACKSHELLS
PAIR SHIELDS ARE COMMONED ON PCBS

P1			P2	
GND	1		20	GND
TX2-	2	↔	21	RX2-
TX2+	3	↔	22	RX2+
GND	4		23	GND
TX4-	5	↔	24	RX4-
TX4+	6	↔	25	RX4+
GND	7		26	GND
ModseLL	8		27	ModPrsL
ResetL	9		28	IntL/RxLOS
VccRx	10		29	VccTx
SCL	11		30	VccI
SDA	12		31	LPMoDe/TxDis
GND	13		32	GND
RX3+	14	↔	33	TX3+
RX3-	15	↔	34	TX3-
GND	16		35	GND
RX1+	17	↔	36	TX1+
RX1-	18	↔	37	TX1-
GND	19		38	GND
GND	20		1	GND
RX2-	21	↔	2	TX2-
RX2+	22	↔	3	TX2+
GND	23		4	GND
RX4-	24	↔	5	TX4-
RX4+	25	↔	6	TX4+
GND	26		7	GND
ModPrsL	27		8	ModseLL
IntL/RxLOS	28		9	ResetL
VccTx	29		10	VccRx
VccI	30		11	SCL
LPMoDe/TxDis	31		12	SDA
GND	32		13	GND
TX3+	33	↔	14	RX3+
TX3-	34	↔	15	RX3-
GND	35		16	GND
TX1+	36	↔	17	RX1+
TX1-	37	↔	18	RX1-
GND	38		19	GND

P1			P2	
GND	39		58	GND
TX6-	40	↔	59	RX6-
TX6+	41	↔	60	RX6+
GND	42		61	GND
TX8-	43	↔	62	RX8-
TX8+	44	↔	63	RX8+
GND	45		64	GND
P/Vs4	46		65	NC
P/Vs1	47		66	Reserved
VccRx1	48		67	VccTx1
P/Vs2	49		68	Vcc2
P/Vs3	50		69	ePPS/Clock
GND	51		70	GND
RX7+	52	↔	71	TX7+
RX7-	53	↔	72	TX7-
GND	54		73	GND
RX5+	55	↔	74	TX5+
RX5-	56	↔	75	TX5-
GND	57		76	GND
GND	58		39	GND
RX6-	59	↔	40	TX6-
RX6+	60	↔	41	TX6+
GND	61		42	GND
RX8-	62	↔	43	TX8-
RX8+	63	↔	44	TX8+
GND	64		45	GND
NC	65		46	P/Vs4
Reserved	66		47	P/Vs1
VccTx1	67		48	VccRx1
Vcc2	68		49	P/Vs2
ePPS/Clock	69		50	P/Vs3
GND	70		51	GND
TX7+	71	↔	52	RX7+
TX7-	72	↔	53	RX7-
GND	73		54	GND
TX5+	74	↔	55	RX5+
TX5-	75	↔	56	RX5-
GND	76		57	GND

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN HAMNER	21JUN2021	 TE Connectivity					
			CHK J. ROSSMAN	30JUN2021						
DIMENSIONS:		TO: FRANCES UNLESS OTHERWISE SPECIFIED.			NAME CABLE ASSY, 28AWG PASSIVE, QSFP-DD 112G					
mm										
		0 PLC	±							
		1 PLC	±							
		2 PLC	±							
		4 PLC	±							
ANGLES		±			SIZE CAGE CODE DRAWING NO A 00779 C=2393749					
FINISH										
MATERIAL		WEIGHT						RESTRICTED TO -		
-		-								
CUSTOMER DRAWING					SCALE 3:2 SHEET 2 OF 2 REV A					