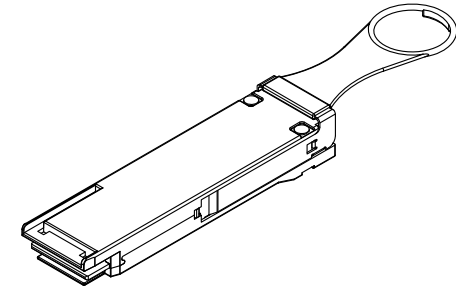
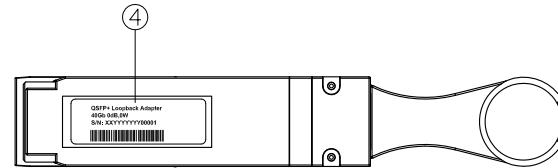
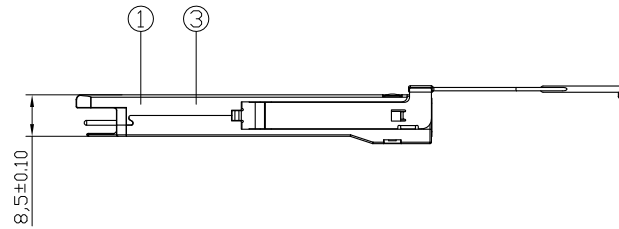
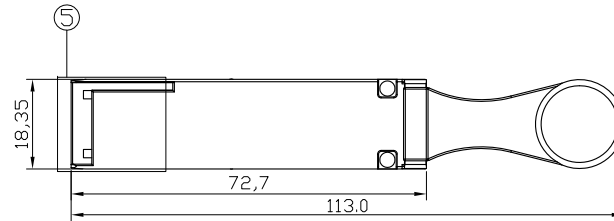
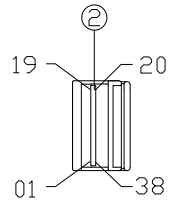


PROPRIETARY INFORMATION
COMPANY CONFIDENTIAL

REV.	ECN. NO.	DESCRIPTION	ENG	DATE
X1		INITIAL	HSIO	21/7/2016



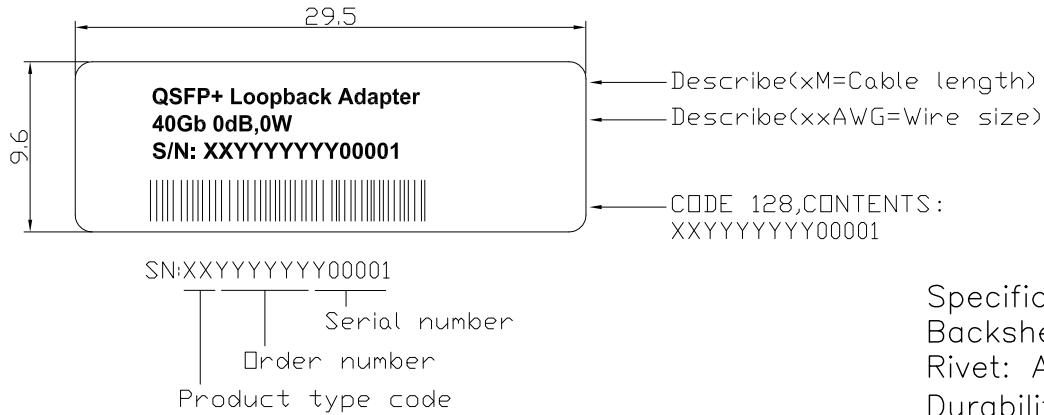
5	P-QSPPE-0001	1	DUST COVER FOR SFP, PE, NATUAL	
4	L-05-S-0003	1	SHELL BARCODE LABELS	
3	P-ZQPST-0006-BG	1	INNER MOLDING FOR QSFP+LB	
2	P-QS10015-OX	1	QSFP+LB PCB	
1	SZQPLB-1	1	QSFP+LB CONNECTOR	
ITEM	NAME	Q'TY	DESCRIPTION	NOTE

GENERAL TOLERANCE	ANGLE TOLERANCE
X.± 0.50	X°± 5.0°
.X± 0.20	.X°± 3.0°
.XX± 0.10	.XX°± 2.0°
.XXX± 0.05	.XXX°± 1.0°
MATL	SEE BOM
FINISH	SEE NOTES
SCALE	N/A
UNIT	mm
SHEET	1 OF 3

DRAWN	DATE
HSIO	2016.07.21
CHECKED	DATE
APPROVED	DATE

RoHS Compliant	
TITLE: QSFP+ PASSIVE ELECTRICAL LOOPBACK ADAPTER	
PART NUMBER: 107-10006-01	
DRAWING NO. 107-10006	SIZE A4
	REV. X1

LABEL INFORMATION



Specifications
 Backshell: Zinc Die-Casting Nickel plating
 Rivet: Aluminum
 Durability: 500 cycles (EIA-364-23C)
 Mating & Unmating Force: 50N max. (EIA-364-13D)
 Latch Strength: 70N min. (EIA-364-13D)
 Supply Voltage: 3.13~5.25VDC (TYP. 3.3VDC)
 Withstanding Voltage: 300VDC
 Power Current Rating: 0.5 amps maximum per contact
 Insulation Resistance: 1,000Mohm min. (EIA-364-21C)
 Differential Impedance: 100ohm +/-10 @24ps rise time 20~80% (EIA-364-108)
 Within Pair SKEW: < 10ps (EIA-364-103)
 Insertion Loss (SDD21): 0dB or 5dB at initial
 11.56dB maximum @7.0125GHz(100% pass the testing)
 13.708dB maximum @7.4~7.8GHz(100% pass the testing)
 14dB MAX.@8GHz; 18dB MAX.@10GHz; 38dB MAX.@12GHz.

WIRING TABLE

P1		P2	
GND(TX)	01	20	GND(RX)
TX2n	02	21	RX2n
TX2p	03	22	RX2p
GND(TX)	04	23	GND(RX)
TX4n	05	24	RX4n
TX4p	06	25	RX4p
GND(TX)	07	26	GND(RX)
GND(RX)	13	32	GND(TX)
RX3p	14	33	TX3p
RX3n	15	34	TX3n
GND(RX)	16	35	GND(TX)
RX1p	17	36	TX1p
RX1n	18	37	TX1n
GND(RX)	19	38	GND(TX)

LOW SPEED SIGNALS	
P1 & P2	
08	ModSell
09	ResetI
10	VccRx
11	SCL
12	SDA
27	ModPrsL
28	IntL
29	VccTx
30	Vcc1
31	LPMode

RoHS Compliant

GENERAL TOLERANCE X.± 0.50 .X± 0.20 .XX± 0.10 .XXX± 0.05	ANGLE TOLERANCE X°± 5.0° .X°± 3.0° .XX°± 2.0° .XXX°± 1.0°	DRAWN HSIO	DATE 2016.07.21		
MATERIAL SEE BOM		CHECKED	DATE		TITLE QSFP+ PASSIVE ELECTRICAL LOOPBACK ADAPTER
FINISH SEE NOTES		APPROVED		DATE	PART NUMBER 107-10006-01
SCALE N/A	UNIT mm	SHEET 2 OF 2			DRAWING NO. 107-10006
				SIZE A4	REV. X1