

NOTES:
1. MATERIALS
   BACKSHELLS - NICKEL PLATED ZINC
   DE-LATCH - PLASTIC
   PCB - FR-4
   RIVETS - STAINLESS STEEL
2. IMPEDANCE - 100 OHMS DIFFERENTIAL, PASSIVE
3. PULL TO RELEASE, PLUNGER STYLE LATCH
4. EACH ASSEMBLY HAS A SERIAL ID
5. 11.09 Gbps BACKWARDS COMPATIBLE TO 1.0625 Gbps
6. RoHS COMPLIANT, NO EXEMPTIONS.

SEE REV HISTORY	EC NO:	DESCRIPTION	REV
	CPG2016-0706		
	2015/08/13	DRWN:GBARDELLA	
	2015/08/13	CHKD:EMEDINA	
	2015/08/13	APPR:ARAYBURN	

QUALITY SYMBOLS: ▽=0 (4 PLACES), ▽=0 (3 PLACES), ▽=0 (2 PLACES), ▽=0 (1 PLACE), ▽=0 (0 PLACE)

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	±	±

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	MM ONLY
SCALE	2.5:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY / DATE	JERWIN 2007/01/30
CHECKED BY / DATE	KLLOYD 2007/01/30
APPROVED BY / DATE	RMAHMOOD 2007/01/30
MATERIAL NO.	SEE SHEET 3
TITLE	SFP+ 10G PASSIVE CABLE ASSEMBLY
DOCUMENT NO.	SD-74752-001
SHEET NO.	1 OF 4
SIZE	D

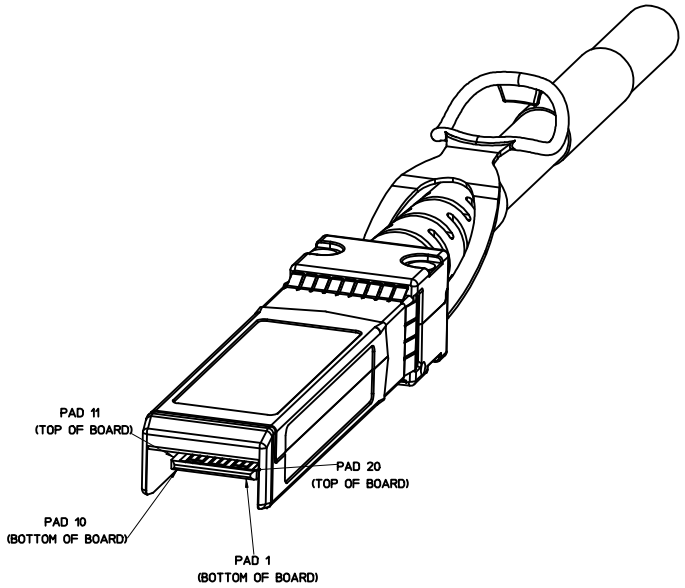
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WIRING DIAGRAM				
P1 END			P2 END	
PAD	SIGNAL		PAD	SIGNAL
12	RD-	←	19	TD-
13	RD+	←	18	TD+
18	TD+	→	13	RD+
19	TD-	→	12	RD-

LOW SPEED SIGNALS	
SFP+	
PAD	SIGNAL
02	Tx_Fault
03	Tx_Disable
04	SDA
05	SCL
06	Mod_ABS
07	RS0
08	Rx_LOS
09	RS1
15	VccR
16	VccT

SFP+



CUSTOM LENGTHS AVAILABLE.
LONGER LENGTH APPLICATIONS REQUIRE
HOST SYSTEM PRE-EMPHASIS AND
EQUALIZATION.
SEE DATASHEET FOR MORE INFORMATION.

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QUALITY SYMBOLS
⌀=0
⌀=0
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GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	±	±

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: JERWIN DATE: 2007/01/30
CHECKED BY: KLLOYD DATE: 2007/01/30
APPROVED BY: RMAHMOOD DATE: 2007/01/30
MATERIAL NO.: SEE SHEET 3

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DOCUMENT NO.: SD-74752-001
SHEET NO.: 2 OF 4

SIZE: D

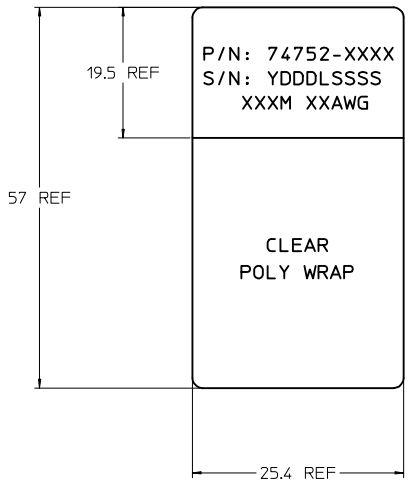
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PART NUMBER CHART

PART NUMBER	LENGTH	TOL.	AWG
747520010	0.3M	±0.03M	32
747520011	0.5M	±0.03M	32
747520012	1.0M	±0.05M	32
747520013	2.0M	±0.05M	32
747520014	3.0M	±0.05M	32
747520015	4.0M	±0.05M	32
747520016	5.0M	±0.08M	32
747521031	0.3M	±0.03M	30
747521051	0.5M	±0.03M	30
747521101	1.0M	±0.05M	30
747521151	1.5M	±0.05M	30
747521201	2.0M	±0.05M	30
747521251	2.5M	±0.05M	30
747521301	3.0M	±0.05M	30
747521401	4.0M	±0.05M	30
747521501	5.0M	±0.08M	30
747521601	6.0M	±0.08M	30
747521701	7.0M	±0.08M	30
747521801	8.0M	±0.08M	30
747521901	9.0M	±0.08M	30
747529001	10.0M	±0.08M	30
747522031	0.3M	±0.03M	28
747522051	0.5M	±0.03M	28
747522101	1.0M	±0.05M	28
747522151	1.5M	±0.05M	28
747522201	2.0M	±0.05M	28
747522301	3.0M	±0.05M	28
747522401	4.0M	±0.05M	28
747522501	5.0M	±0.08M	28
747522701	7.0M	±0.08M	28
747522801	8.0M	±0.08M	28
747522901	9.0M	±0.08M	28
747529002	10.0M	±0.08M	28
747529010	15.0M	±0.08M	28

PART NUMBER	LENGTH	TOL.	AWG
747523051	0.5M	±0.03M	26
747523061	0.6M	±0.03M	26
747523101	1.0M	±0.05M	26
747523201	2.0M	±0.05M	26
747523301	3.0M	±0.05M	26
747523501	5.0M	±0.08M	26
747523701	7.0M	±0.08M	26
747523901	9.0M	±0.08M	26
747529003	10.0M	±0.08M	26
747529225	1.6M	±0.05M	26
747529226	1.75M	±0.05M	26
747529227	2.25M	±0.05M	26
747524051	0.5M	±0.03M	24
747524101	1.0M	±0.05M	24
747524201	2.0M	±0.05M	24
747524301	3.0M	±0.05M	24
747524401	4.0M	±0.05M	24
747524501	5.0M	±0.08M	24
747524541	5.4M	±0.08M	24
747524571	5.7M	±0.08M	24
747524601	6.0M	±0.08M	24
747524701	7.0M	±0.08M	24
747524801	8.0M	±0.08M	24
747524901	9.0M	±0.08M	24
747529004	10.0M	±0.08M	24
747529013	11.0M	±0.08M	24
747529008	12.0M	±0.08M	24
747529015	13.0M	±0.08M	24
747529016	14.0M	±0.08M	24
747529007	15.0M	±0.08M	24

CABLE LABEL DETAIL



YDDDLSSSS
Y---YEAR, THE LAST DIGIT OF THE YEAR
DDD---DAY OF THE YEAR
L---LOCATION (1=US, 2=MEXICO, 3=CHINA, 4=PHILIPPINES)
SSSS---SERIAL NUMBER (UNIQUE AT P/N LEVEL ONLY)

XXXM---LENGTH AS SHOWN IN P/N CHART

XXAWG---AWG SIZE

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▽=0
▽=0

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ANGULAR ± 2 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 1:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	JERWIN	2007/01/30
CHECKED BY	KLLOYD	2007/01/30
APPROVED BY	RMAHMOOD	2007/01/30

TITLE: SFP+ 10G PASSIVE CABLE ASSEMBLY
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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-74752-001
SHEET NO.: 3 OF 4
SIZE: D

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DATE	REV	DESCRIPTION
2012/08/16	P	1. ADDED P/N'S 747524541 AND 747524571 2. MOVED WIRING DIAGRAM FROM PAGE 1 TO PAGE 2 AND ADDED LOW SPEED SIGNAL CHART 3. MOVED LABEL DETAIL TO PAGE 3 4. ADDED NEW VIEW OF SFP+ THAT SHOWS PCB. 5. REMOVED P/N'S 747529009, 74759011 & 747529012 6. INCREASED SIZE OF VIEWS ON PAGE 1.
2013/09/13	Q	1. ADDED P/N'S 747529225, 747529226, & 747529227 TO P/N TABLE ON SHEET 3. 2. UPDATED RoHS NOTE TO READ "RoHS COMPLIANT, NO EXEMPTIONS ON SHEET 1. 3. CHANGED LOCATION FROM LR TO US, GDL TO MEXICO, & DG TO CHINA FOR LABEL INFO ON SHEET 3.
2015/05/01	R	1. UPDATED CABLE LABEL NOTES WITH "4=PHILIPPINES" ADDED [SHEET 3]
2015/08/13	S	1. ADDED 747521251 TO PART NUMBER CHART [SHEET 3]

SEE REV HISTORY
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