

RoHS
compliant

L (SEE TABLE 1)



P1

P2

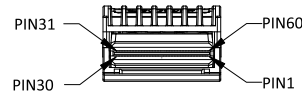
14.45

13.00

22.58

153±10

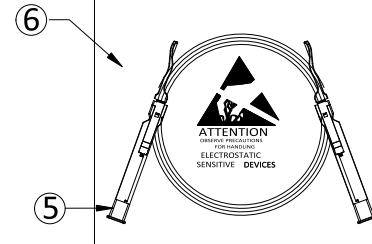
NOTE:
1. 100% OPEN&SHORT TEST.
2. LABEL INFO:
3.1 XXXXXXXXXXXX= P/N (SEE TABLE 1)
3.2 XXAWG-X.Xm (SEE TABLE 1)
3.3 BARCODE1 TYPE: CODE 128.
3.4 BARCODE1 CONTENT: YYWWDLSSSS.
YY= THE LAST 2 DIGITS OF YEAR.
WW=WEEK OF THE YEAR.
D=DAY OF THE WEEK.
L=LOCATION(1=DE QING)
SSSSS=SERIAL NO. (FROM 00001,...99999)



OSFP 60PIN ASSIGNMENT



LABEL INFO



PACKAGE

TABLE 1

	15227010090	28	3.0m	3000	±50
	15227010080	28	2.5m	2500	±50
	15227010070	28	2.0m	2000	±40
	15227010060	28	1.5m	1500	±40
	15227010050	28	1.0m	1000	±30
◎	15227010040	30	2.0m	2000	±40
	15227010030	30	1.5m	1500	±40
	15227010020	30	1.0m	1000	±30
	15227010010	30	0.5m	1000	±30
	P/N	XXAWG	X.Xm	L(mm)	TOL.

6	ANTI-STATIC BAG,370X300mm	1
5	OSFP ANTI-STATIC DUST COVER,BLACK	2
4	P/N LABEL,BLACK TEXT&WHTIE GROUND	1
3	OSFP 60PIN CABLE END COVER KIT W/BLACK PULL TAB	2
2	OSFP 60PIN CABLE END PCBA (30u") W/ EEPROM	2
1	TWIN-AX XXAWG(SEE TABLE1)X8PAIR CABLE ,100ohm, BLACK, UL APPROVED	A/R
ITEM	DESCRIPTION	Q'TY

UNLESS OTHERWISE SPECIFIED TOLERANCE			
0.0	±0.30	0.0°	±2°
.00	±0.20	0.0°	±1°
.000	±0.10		
	±0.05		



CHANT SINCERE CO.,LTD
TEL:+886-2-8647-1251 WWW.COXOC.COM.TW

TITLE:
OSFP TO OSFP CABLE ASS"Y
(400GBASE-CR8 APPLICATION)

PART NO. 1522701XXXX

CODE: G16

CUSTOMER:

SCALE: AS SHOWN
DRAWN: BENSON_ZHENG
CHECKED: PEARL_HUNG
APPROVED: PEARL_HUNG

UNIT: mm
18 07 2023
24 07 2023
24 07 2023

SIZE A4 SHEET 1/3 REV. X1

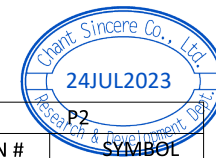
D5,D6 X1 ECR-2306094(CAROL)NEW DRAWN 29JUN2023

ZONE REVISION DESCRIPTION DATE

1 2 3 4 5 6 7 8 9 10

RoHS
compliant

WIRING TABLE

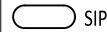
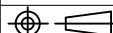


P1		Cable	P2	
SYMBOL	PIN #		PIN #	SYMBOL
GND	1	GND	31	GND
TX2P	2	High Speed Pair	32	RX2P
TX2N	3		33	RX2N
GND	4	GND	34	GND
TX4P	5	High Speed Pair	35	RX4P
TX4N	6		36	RX4N
GND	7	GND	37	GND
TX6P	8	High Speed Pair	38	RX6P
TX6N	9		39	RX6N
GND	10	GND	40	GND
TX8P	11	High Speed Pair	41	RX8P
TX8N	12		42	RX8N
GND	13	GND	43	GND
SCL	14	NC	44	INT/RSTn
VCC	15		45	VCC
VCC	16		46	VCC
LPWn/PRSn	17		47	SDA
GND	18	GND	48	GND
RX7N	19	High Speed Pair	49	TX7N
RX7P	20		50	TX7P
GND	21	GND	51	GND
RX5N	22	High Speed Pair	52	TX5N
RX5P	23		53	TX5P
GND	24	GND	54	GND
RX3N	25	High Speed Pair	55	TX3N
RX3P	26		56	TX3P
GND	27	GND	57	GND
RX1N	28	High Speed Pair	58	TX1N
RX1P	29		59	TX1P
GND	30	GND	60	GND

P1		Cable	P2	
SYMBOL	PIN #		PIN #	SYMBOL
GND	31	GND	1	GND
RX2P	32	High Speed Pair	2	TX2P
RX2N	33		3	TX2N
GND	34	GND	4	GND
RX4P	35	High Speed Pair	5	TX4P
RX4N	36		6	TX4N
GND	37	GND	7	GND
RX6P	38	High Speed Pair	8	TX6P
RX6N	39		9	TX6N
GND	40	GND	10	GND
RX8P	41	High Speed Pair	11	TX8P
RX8N	42		12	TX8N
GND	43	GND	13	GND
INT/RSTn	44	NC	14	SCL
VCC	45		15	VCC
VCC	46		16	VCC
SDA	47		17	LPWn/PRSn
GND	48	GND	18	GND
TX7N	49	High Speed Pair	19	RX7N
TX7P	50		20	RX7P
GND	51	GND	21	GND
TX5N	52	High Speed Pair	22	RX5N
TX5P	53		23	RX5P
GND	54	GND	24	GND
TX3N	55	High Speed Pair	25	RX3N
TX3P	56		26	RX3P
GND	57	GND	27	GND
TX1N	58	High Speed Pair	28	RX1N
TX1P	59		29	RX1P
GND	60	GND	30	GND

NOTE:

- 1.DC BLOCKING CAPS ON RECEIVE SIDE ONLY
- 2.ALL SIGNAL GND ARE CONNECTED TOGETHER
- 3.NOT SUPPORT MODULE INTERRUPT & MODULE RESET
- 4.N/C IS NOT CONNECTED

UNLESS OTHERWISE SPECIFIED TOLERANCE		 SIP  CmK Cpk
0.000	±0.30 ±0.20 ±0.10 ±0.05	
0.0	0°	±2°
0.000	0.0°	±1°
SCALE:	AS SHOWN	UNIT: mm
DRAWN:	BENSON_ZHENG	18 07 2023
CHECKED:	PEARL_HUNG	24 07 2023
APPROVED:	PEARL_HUNG	24 07 2023
	SIZE A4	SHEET 2/3

	
CHANT SINCERE CO.,LTD	
TEL:+886-2-8647-1251 WWW.COXOC.COM.TW	
TITLE: OSFP TO OSFP CABLE ASS"Y (400GBASE-CR8 APPLICATION)	
PART NO.	1522701XXXX
CODE: G16	CUSTOMER:

D5,D6	X1	ECR-2306094(CAROL)NEW DRAWN	29JUN2023
ZONE	REVISION	DESCRIPTION	DATE



Address	Description	Value (HEX)	Note
0	Identifier	19	OSFP
1	Version Id	40	CMIS 4.0
2	Flat_mem, CLEI present, TWI Maximum speed	80	only page 00h implemented Module supports up to 400 kHz
3	Module state	03	Interrupt not asserted (default) ModuleLowPwr state
4-7	Lane Flag Summary	00...00	
8-13	Module-Level Flags	00...00	
14-25	Module-Level Monitors	00...00	
26-30	Module Global Controls	00...00	
31-36	Module-Level Flag Masks	00...00	
37-38	CDB Status Area	00 00	
39-40	Module Firmware Version	00 00	
41-63	Reserved Area	00...00	
64-82	Custom Area	00...00	
83-84	Inactive Firmware Version	00 00	
85	Module Type Encodings	03	Passive Cu
86	ApSelCode 1: Host Electrical Interface Code	1D	40GBASE-CR8
87	ApSelCode 1: Module Media Interface Code	01	Copper cable
88	ApSelCode 1: Host/Media LaneCount	88	Host 8 lanes Media 8 lanes
89	ApSelCode 1: Host Lane Assignment	01	0000 0001
90	ApSelCode 2: Host Electrical Interface Code	1C	200GBASE-CR4
91	ApSelCode 2: Module Media Interface Code	01	Copper cable
92	ApSelCode 2: Host/Media LaneCount	44	Host 4 lanes Media 4 lanes
93	ApSelCode 2: Host Lane Assignment	11	0001 0001
94	ApSelCode 3: Host Electrical Interface Code	1B	100GBASE-CR2
95	ApSelCode 3: Module Media Interface Code	01	Copper cable
96	ApSelCode 3: Host/Media LaneCount	22	Host 2 lanes Media 2 lanes
97	ApSelCode 3: Host Lane Assignment	55	0101 0101
98	ApSelCode 4: Host Electrical Interface Code	18	50GBASE-CR
99	ApSelCode 4: Module Media Interface Code	01	Copper cable
100	ApSelCode 4: Host/Media LaneCount	11	Host 1 lanes Media 1 lanes
101	ApSelCode 4: Host Lane Assignment	FF	1111 1111
102	ApSelCode 5: Host Electrical Interface Code	1A	100GBASE-CR4
103	ApSelCode 5: Module Media Interface Code	01	Copper cable
104	ApSelCode 5: Host/Media LaneCount	44	Host 4 lanes Media 4 lanes
105	ApSelCode 5: Host Lane Assignment	11	0001 0001
106	ApSelCode 6: Host Electrical Interface Code	14	25GBASE-CR CA-L (14) 25GBASE-CR CA-S (15) 25GBASE-CR CA-N (16)
107	ApSelCode 6: Module Media Interface Code	01	Copper cable
108	ApSelCode 6: Host/Media LaneCount	11	Host 1 lanes Media 1 lanes

Address	Description	Value (HEX)	Note
Byte			
109	ApSelCode 6: Host Lane Assignment	FF	1111 1111
110	ApSelCode 7: Host Electrical Interface Code	17	40GBASE-CR4
111	ApSelCode 7: Module Media Interface Code	01	Copper cable
112	ApSelCode 7: Host/Media LaneCount	44	Host 4 lanes Media 4 lanes
113	ApSelCode 7: Host Lane Assignment	11	0001 0001
114	ApSelCode 8: Host Electrical Interface Code	FF	End of list
115	ApSelCode 8: Module Media Interface Code	00	
116	ApSelCode 8: Host/Media LaneCount	00	
117	ApSelCode 8: Host Lane Assignment	00	
118-125	Password Entry and Change	00...00	
126	Bank Select Byte	00	
127	Page Select Byte	00	
128	Identifier	19	OSFP
129-144	Vendor Name, left aligned and padded on the right with ASCII spaces (20h)	A/R	
145-147	Vendor OUI	70 B3 D5	
148-163	Vendor PN, left aligned and padded on the right with ASCII spaces (20h)	A/R	SEE TABLE 2(a)
164-165	Vendor rev	41 30	SEE TABLE 2(b)
166-181	Vendor Serial Number, left aligned and padded on the right with ASCII spaces (20h)	A/R	YYWWDLSSSS
182-189	Date Code, left aligned and padded on the right with ASCII spaces (20h)	A/R	YYMMDD
190-199	CLEI code	00...00	
200-201	Module Power Class and Max Power	00 00	0X00
202	Cable Assembly Length: Length multiplier field/ base Length field	A/R	SEE TABLE 2(c)
203	Media Connector Type	23	No separable connector
204	Copper Cable 5 GHz attenuation	A/R	Depends on Each P/N
205	Copper Cable 7 GHz attenuation	A/R	Depends on Each P/N
206	Copper Cable 12.9 GHz attenuation	A/R	Depends on Each P/N
207	Copper Cable 25.8 GHz attenuation	A/R	Depends on Each P/N
208-209	Reserved	00 00	
210	Near end implementation	00	
211	Implemented lanes in far end	02	40GBASE-CR8
212	Media Interface Technology	0A	Copper cable unequalized
213-220	Reserved	00...00	
221	Custom	00	
222	Checksum (Includes bytes 128-221)	CC	CC
223-255	User Custom Info	00...00	

TABLE 2

CMIS Rev4.0 & SFF-8024 Rev4.6

2.SERIAIL No. DEFINE:YYWWDLSSSSS

YY= LAST 2 DIGITS OF YEAR

WW=WEEK OF THE YEAR

D=DAY OF THE WEEK

```
L=LOCATION(1=DEQING)
```

SSSSS=SERIAL NO.(00001,00002.....99999)

3.A/R=AS REQUIRE BY EACH P/N REQUIRE

	15227010090	31 30 2E 31 30 47 42 30 33 30 30 2D 30 20 20	AO	41 30	3000	1
	15227010080	31 30 2E 31 30 47 42 30 32 35 30 30 2D 30 20 20	AO	41 30	2500	1
	15227010070	31 30 2E 31 30 47 42 30 32 30 30 30 2D 30 20 20	AO	41 300	2000	1
	15227010060	31 30 2E 31 30 47 42 30 31 35 30 30 2D 30 20 20	AO	41 30	1500	0
⊙	15227010050	31 30 2E 31 30 47 42 30 31 30 30 30 2D 30 20 20	AO	41 300	1000	0
	15227010040	31 30 2E 31 30 47 57 30 32 30 30 30 2D 30 20 20	AO	41 300	2000	1
	15227010030	31 30 2E 31 30 47 57 30 31 35 30 30 2D 30 20 20	AO	41 30	1500	0
	15227010020	31 30 2E 31 30 47 57 30 31 30 30 30 2D 30 20 20	AO	41 300	1000	0
	15227010010	31 30 2E 31 30 47 57 30 30 35 30 30 2D 30 20 20	AO	41 30	500	0
	P/N	Hex	Rev.	Hex	mm	Hc
		148-163(a)		164-165(b)		202(c)

UNLESS OTHERWISE SPECIFIED TOLERANCE 0. ±0.30 .0 ±0.20 0.° ±2° .00 ±0.10 0.0° ±1° .000 ±0.05		 SIP  Cmk Cpk		 CHANT SINCERE CO.,LTD TEL:+886-2-8647-1251 WWW.COXOC.COM.TW	
SCALE: AS SHOWN		UNIT: mm			
DRAWN: BENSON_ZHENG		18 07 2023		TITLE: OSFP TO OSFP CABLE ASS"Y (400GBASE-CR8 APPLICATION)	
CHECKED: PEARL_HUNG		24 07 2023			
APPROVED: PEARL_HUNG		24 07 2023		PART NO. 1522701XXXX	
 SIZE A4 SHEET 3/3		REV. X1		CODE: G16 CUSTOMER:	

						DRAWN: BENSON_ZHENG		18 07 2023		TEL: 886-2-8847-1231 WWW.COXAC.COM.TW TITLE: OSFP TO OSFP CABLE ASS"Y (400GBASE-CR8 APPLICATION)									
						CHECKED: PEARL_HUNG		24 07 2023											
D5,D6		X1		ECR-2306094(CAROL)NEW DRAWN		29JUN2023		APPROVED: PEARL_HUNG		24 07 2023		PART NO. 1522701XXXX		C					
ZONE		REVISION		DESCRIPTION		DATE		 SIZE A4		SHEET 3/3		REV. X1		CODE: G16		CUSTOMER:			
1		2		3		4		5		6		7		8		9		10	