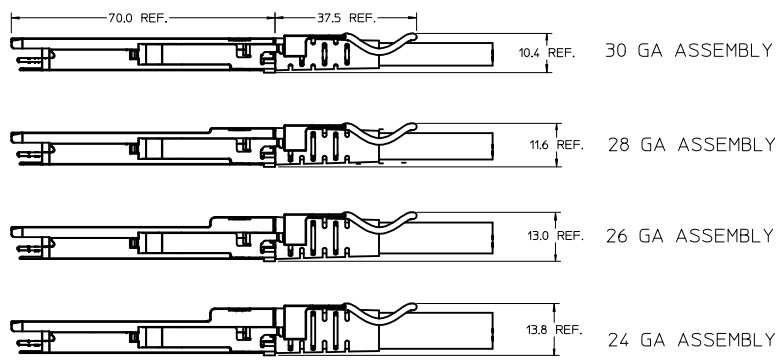


P/N: 74757-XXXX  
 S/N: YDDLSSSS  
 XM XXAWG

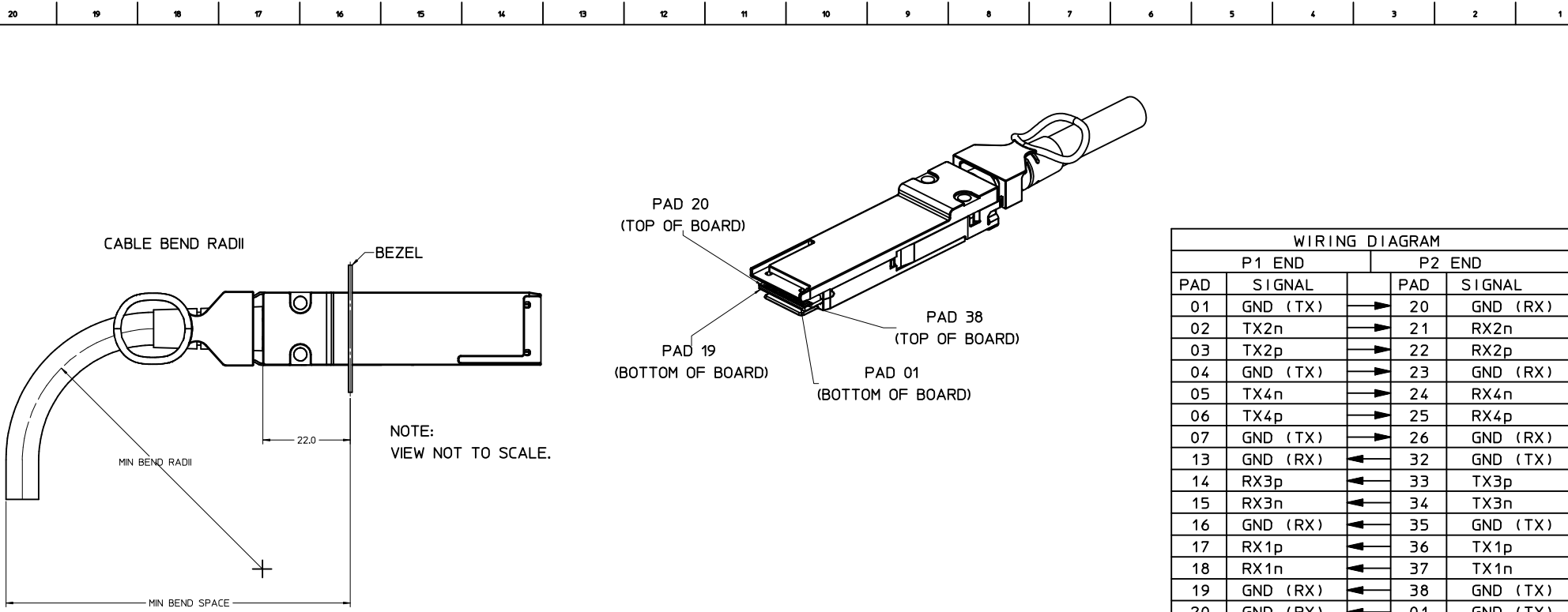
\* FOR CABLES UNDER 2 METERS,  
 LABEL ON ONE END ONLY

YDDLSSSS  
 Y--- YEAR, THE LAST DIGIT OF YEAR  
 DDD---DAY OF THE YEAR  
 L---LOCATION  
 SSSS---SERIAL NO.



- NOTES:
1. CABLE DISTANCE DEPENDS ON WIRE GAUGE, DATA RATE, AND HOST BOARD DRIVER CAPABILITIES
  2. MATERIALS:  
 BACKSHELLS - ZINC DIE CAST WITH BRIGHT NICKEL PLATING  
 DELATCH - STAINLESS STEEL WITH OVERMOLDED NYLON  
 PCB - FR4  
 RIVETS - STAINLESS STEEL
  3. IMPEDANCE - 100 OHMS DIFFERENTIAL
  4. THIS PRODUCT MEETS THE RESTRICTION OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS) DIRECTIVE.

<b>ENTER DESCRIPTION</b> IEC NO: USY2010-0295 DRAWN BY: DRWNEZHANG01, LUY 2009/12/22 CHKDC: BILL 2009/12/22 APPROVED BY: APPR:RAHMOOD 2009/12/22	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm	INCH	MM ONLY		—	METRIC	
	▽=0	4 PLACES ±	±	DRAWN BY	DATE	TITLE		
		3 PLACES ±	±	CHIRSCHY	2007/04/24	QSFP CABLE ASSEMBLY		
	2 PLACES ±	±	CHECKED BY	DATE				
	1 PLACE ±	±	BRUSSELL	2007/04/24				
	ANGULAR ±	±	APPROVED BY	DATE				
			RAHMOOD	2007/04/24				
			MATERIAL NO.		MOLEX		MOLEX INCORPORATED	
			SEE TABLE		DOCUMENT NO.		SD-74757-0001	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		SHEET NO.	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		A		1 OF 4	



CABLE AWG	OD (mm)	MIN BEND RADII (mm)	MIN BEND SPACE (mm)
24	9.5	48	74.75
26	8.25	42	68.12
28	7.0	35	60.5
30	6.0	30	55

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

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

NOTES:  
1. DC BLOCKING CAPS ON RECEIVE SIDE ONLY

<b>ENTER DESCRIPTION</b> EC NO: USY2010-0295 DRAWN BY: CHIRSCHE DATE: 2007/04/24 CHECKED BY: BRUSSELL DATE: 2007/04/24 APPROVED BY: RMAHMOOD DATE: 2007/04/24 MATERIAL NO. DOCUMENT NO.	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>2 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>1 PLACE</td> <td>±---</td> <td>±---</td> </tr> </table> ANGULAR ±---°		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±---	2 PLACES	±---	±---	1 PLACE	±---	±---	<b>DIMENSION STYLE</b> <b>MM ONLY</b>	<b>SCALE</b> ---	<b>DESIGN UNITS</b> <b>METRIC</b>	<b>THIRD ANGLE PROJECTION</b>
		mm	INCH																		
	4 PLACES	±---	±---																		
	3 PLACES	±---	±---																		
2 PLACES	±---	±---																			
1 PLACE	±---	±---																			
<b>TITLE</b> QSFP CABLE ASSEMBLY																					
<b>MOLEX INCORPORATED</b>																					
<b>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</b>						<b>SEE TABLE</b>															
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					

PART NUMBER	LENGTH (M)	AWG
74757-1031	0.3M ± 0.03	30
74757-1051	0.5M ± 0.03	30
74757-1061	0.6M ± 0.03	30
74757-1101	1M ± 0.05	30
74757-1201	2M ± 0.05	30
74757-1301	3M ± 0.05	30
74757-1501	5M ± 0.08	30
74757-1701	7M ± 0.08	30
74757-9001	10M ± 0.08	30
74757-2101	1M ± 0.05	28
74757-2201	2M ± 0.05	28
74757-2301	3M ± 0.05	28
74757-2501	5M ± 0.08	28
74757-2701	7M ± 0.08	28
74757-9005	10M ± 0.08	28
74757-3101	1M ± 0.05	26
74757-3201	2M ± 0.05	26
74757-3301	3M ± 0.05	26
74757-3501	5M ± 0.08	26
74757-3701	7M ± 0.08	26
74757-9003	10M ± 0.08	26
74757-4101	1M ± 0.05	24
74757-4201	2M ± 0.05	24
74757-4301	3M ± 0.05	24
74757-4501	5M ± 0.08	24
74757-4701	7M ± 0.08	24
74757-9004	10M ± 0.08	24
74757-9013	15M ± 0.12	24
74757-9014	20M ± 0.12	24

<b>ENTER DESCRIPTION</b> EC NO: USY2010-0295 G DRAWN: ZHANG1.JUST 2009/12/22 CHK: C.BILL 2009/12/22 APPR: RAHMOOD 2009/12/22	<b>QUALITY SYMBOLS</b> ▽=0 ▽=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES ±</td> <td>--- ± ---</td> <td>--- ± ---</td> </tr> <tr> <td>3 PLACES ±</td> <td>--- ± ---</td> <td>--- ± ---</td> </tr> <tr> <td>2 PLACES ±</td> <td>--- ± ---</td> <td>--- ± ---</td> </tr> <tr> <td>1 PLACE ±</td> <td>--- ± ---</td> <td>--- ± ---</td> </tr> </table>		mm	INCH	4 PLACES ±	--- ± ---	--- ± ---	3 PLACES ±	--- ± ---	--- ± ---	2 PLACES ±	--- ± ---	--- ± ---	1 PLACE ±	--- ± ---	--- ± ---	<b>DIMENSION STYLE</b> <b>MM ONLY</b>	<b>SCALE</b> ---	<b>DESIGN UNITS</b> <b>METRIC</b>	<b>THIRD ANGLE PROJECTION</b>
		mm	INCH																		
	4 PLACES ±	--- ± ---	--- ± ---																		
	3 PLACES ±	--- ± ---	--- ± ---																		
2 PLACES ±	--- ± ---	--- ± ---																			
1 PLACE ±	--- ± ---	--- ± ---																			
<b>DESCRIPTION</b> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	<b>DRAWN BY</b> CHIRSCHY	<b>DATE</b> 2007/04/24	<b>TITLE</b> <b>QSFP CABLE ASSEMBLY</b>	<b>MOLEX INCORPORATED</b>																	
<b>SIZE</b> A 1	<b>MATERIAL NO.</b> <b>SEE TABLE</b>	<b>CHECKED BY</b> BRUSSELL	<b>DATE</b> 2007/04/24	<b>DOCUMENT NO.</b> SD-74757-0001	<b>SHEET NO.</b> 3 OF 4	<b>APPROVED BY</b> RAHMOOD															
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					

DATE	REV	DESCRIPTION
2007/04/24	A	INITIAL RELEASE
2007/07/19	B	1. ADDED REVISION HISTORY
		2. ADDED SHEET 2 WITH PART NUMBER LIST AND PINOUT
		3. REWORDED NOTE 1 ON SHEET 1
		4. 11.6 REF DIMENSION WAS 11.5 REF, 13.0 REF DIMENSION WAS 12.9 REF, 13.8 REF DIMENSION WAS 13.7 REF
2007/11/26	C	1. DELETED 74757-9002 & ADDED 74757-9005 TO PART NUMBER LIST ON SHEET 2
		2. CHANGED SCALE OF SHEET 1 TO FROM 2:1 TO 1.5:1
		3. CHANGED TANGENT LINES ON SHEET 1 FROM DASHED LINES TO SOLID LINES
2008/02/29	D	1. REMOVED LABEL FROM QSFP BACKSHELLS
		2. ADDED CABLE LABEL TO EACH END OF CABLE ASSEMBLY
		3. DELETED ISO VIEW FROM SHEET 1
		4. ADDED LABEL DETAIL TO NOTES SECTION
2008/05/08	E	1. ADDED PICTURE OF LABEL DETAIL AND NOTE TO SHEET 1
		2. REMOVED LABEL DETAIL INFORMATION FROM NOTES SECTION
		3. ADDED LABEL PLACEMENT DIMENSION
		4. ADDED DC BLOCKING CAP NOTE TO SHEET 2
		5. ADDED 74757-9013 AND 74757-9014 TO P/N LIST
		6. UPDATED ALL VIEWS WITH NEW 'BOSS' TOPSHELLS
2009/10/20	F	1. ADDED CABLE BEND TABLE TO SHEET 2
		2. MOVED P/N CHART TO SHEET 3 AND REVISION HISTORY TO SHEET 4
		3. ADDED TEXTS 'P/N:' AND 'S/N:' ON LABEL
2009/12/11	G	1. ADDED NEW P/N 74757-1031 TO CHART ON SHEET 3.

<b>ENTER DESCRIPTION</b> EC NO: USY2010-0295 DRWNG: ZHANG01_USY 2009/12/22 CHKDC: BILL 2009/12/22 APPR: RMAHMOOD 2009/12/22	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±--- ±--- 1 PLACE ±--- ±--- ANGULAR ±---°	DIMENSION STYLE <b>MM ONLY</b>	SCALE ---	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION	
	DRAWN BY CHIRSCHY	DATE 2007/04/24	TITLE <b>QSFP CABLE ASSEMBLY</b>				
	CHECKED BY BRUSSELL	DATE 2007/04/24					
	APPROVED BY RMAHMOOD	DATE 2007/04/24					
MATERIAL NO. <b>SEE TABLE</b>	SIZE 1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			DOCUMENT NO. <b>SD-74757-0001</b>	SHEET NO. 4 OF 4			



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.