

Excellent Integrated System Limited

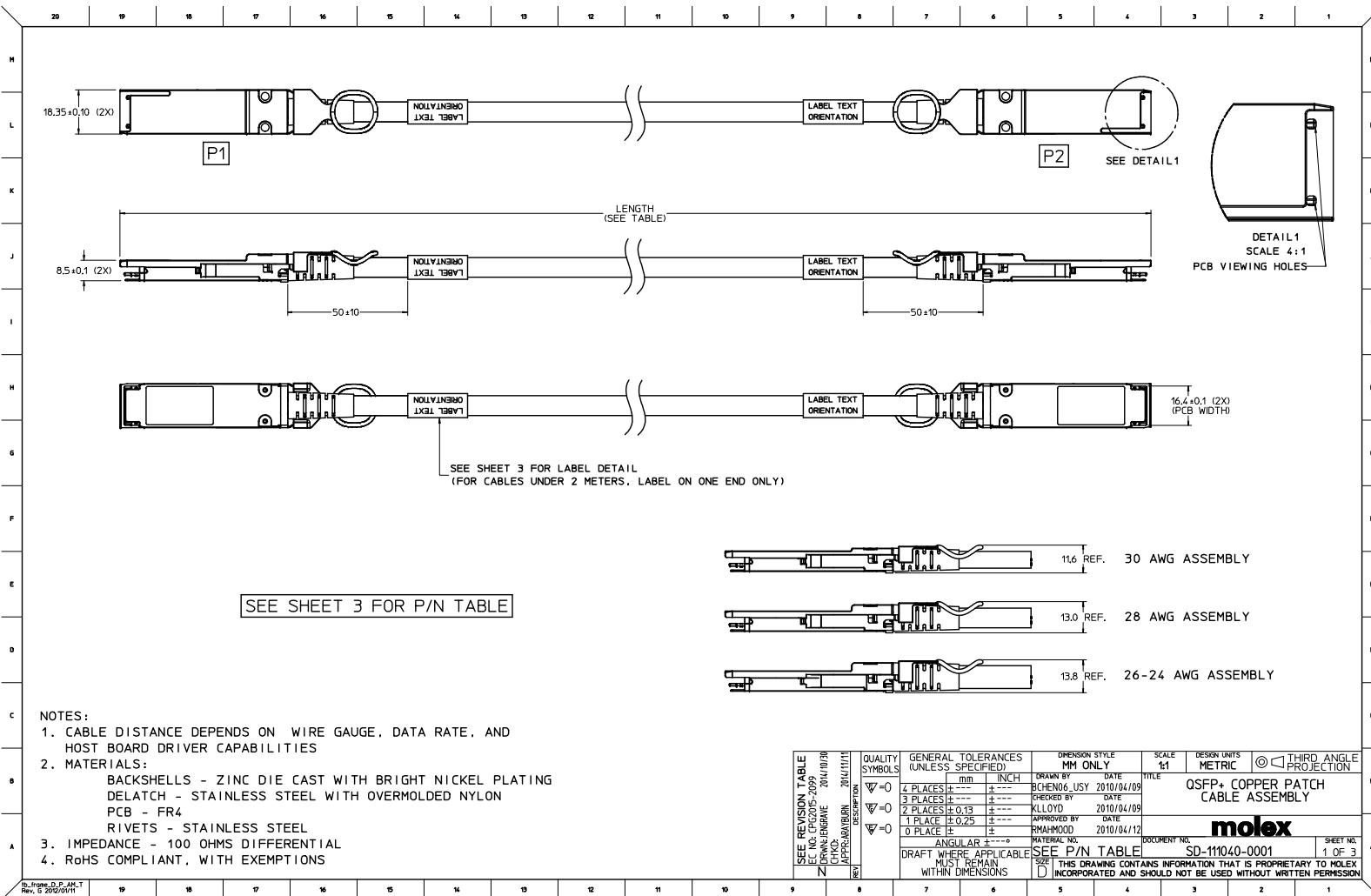
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[1110403304](#)

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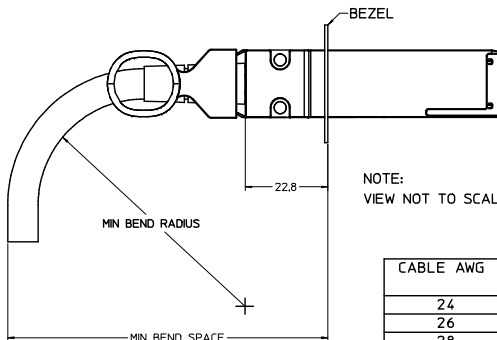
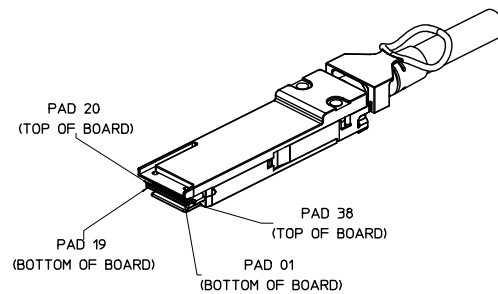
sales@integrated-circuit.com



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)
08	ModSelL	27	ModPrsL
09	ResetL	28	IntL
10	VccRx	29	VccTx
11	SCL	30	Vcc1
12	SDA	31	LPMode
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)
27	ModPrsL	08	ModSelL
28	IntL	09	ResetL
29	VccTx	10	VccRx
30	Vcc1	11	SCL
31	LPMode	12	SDA
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)

LEGEND:

- = THRU LINES
- > = TRANSMIT TO RECEIVE ON HIGH SPEED CIRCUITS
- C = COMMON GROUND CONNECTION
- NC = NOT CONNECTED
- = CONNECTION TO A DEVICE ON THE PCB



CABLE BEND RADIUS

NOTE:
VIEW NOT TO SCALE.

CABLE AWG	MIN BEND RADIUS (mm)	MIN BEND SPACE (mm)
24	51	84
26	44	76
28	39	70
30	33	62

NOTES:

- DC BLOCKING CAPS ON RECEIVE SIDE ONLY
- CABLE COILED AND PACKAGED IN BEST FIT ESD BAG AND SEALED WITH ESD LABEL FOR SHIPPING

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
SYMBOL	DESCRIPTION	mm	INCH	mm ONLY	DATE	1:1	METRIC	DATE	DATE
4 PLACES	±0.05	±0.05	±0.002	BICHEN06_USY	2010/04/09				
3 PLACES	±0.10	±0.10	±0.004	CHECKED BY	DATE				
2 PLACES	±0.13	±0.13	±0.005	X.LLOYD	2010/04/09				
1 PLACE	±0.25	±0.25	±0.010	APPROVED BY	DATE				
0 PLACE	±0.50	±0.50	±0.020	RAHMOOD	2010/04/12				
ANGULAR ±0.5°		DRAFT WHERE APPLICABLE		SEE P/N TABLE		DOCUMENT NO.		SHEET NO.	
DRAFT WHERE APPLICABLE		MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		2 OF 3	

QSFP+ COPPER PATCH CABLE ASSEMBLY

molex

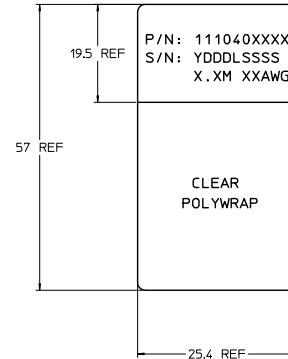
SD-111040-0001

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PART NUMBER TABLE

MOLEX P/N	LENGTH (M)	LENGTH TOLERANCE (mm)	AWG
1110401044	0.35	±30	30
1110401054	0.5	±30	30
1110401074	0.75	±30	30
1110401104	1.0	±50	30
1110401204	2.0	±50	30
1110401304	3.0	±50	30
1110401324	3.2	±50	30
1110401404	4.0	±50	30
1110401504	5.0	±80	30
1110401704	7.0	±80	30
1110402054	0.5	±30	28
1110402104	1.0	±50	28
1110402204	2.0	±50	28
1110402304	3.0	±50	28
1110402404	4.0	±50	28
1110402504	5.0	±80	28
1110402604	6.0	±80	28
1110402704	7.0	±80	28
1110403054	0.5	±50	26
1110403104	1.0	±50	26
1110403204	2.0	±50	26
1110403304	3.0	±50	26
1110403404	4.0	±50	26
1110403504	5.0	±80	26
1110403604	6.0	±80	26
1110403704	7.0	±80	26
1110404054	0.5	±50	24
1110404104	1.0	±50	24
1110404204	2.0	±50	24
1110404304	3.0	±50	24
1110404404	4.0	±50	24
1110404504	5.0	±80	24
1110404604	6.0	±80	24
1110404704	7.0	±80	24
1110404804	8.0	±80	24
1110409010	10.0	±80	30
1110409011	10.0	±80	28
1110409012	10.0	±80	26
1110409013	10.0	±08	24
1110409018	15.0	±80	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)

SSSS = SERIAL NUMBER (0001-9999)

X.XM = LENGTH AS SHOWN IN P/N TABLE

XXAWG = AWG SIZE

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	mm	INCH	MM ONLY	INCH				
▽=0	4 PLACES ±---	±---	DRAWN BY	DATE	1:1	METRIC	◎	
▽=0	3 PLACES ±---	±---	BCHEN06_USY	2010/04/09				
▽=0	2 PLACES ±0.13	±---	CHECKED BY	DATE	1:1	METRIC	◎	
▽=0	1 PLACE ±0.25	±---	KLLOYD	2010/04/09				
▽=0	0 PLACE ±	±	APPROVED BY	DATE	1:1	METRIC	◎	
			RMHMOOD	2010/04/12				
	ANGULAR ±---	±---	WATERMARK NO.		DOCUMENT NO.		SHEET NO.	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE P/N TABLE		SD-111040-0001			
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					3 OF 3