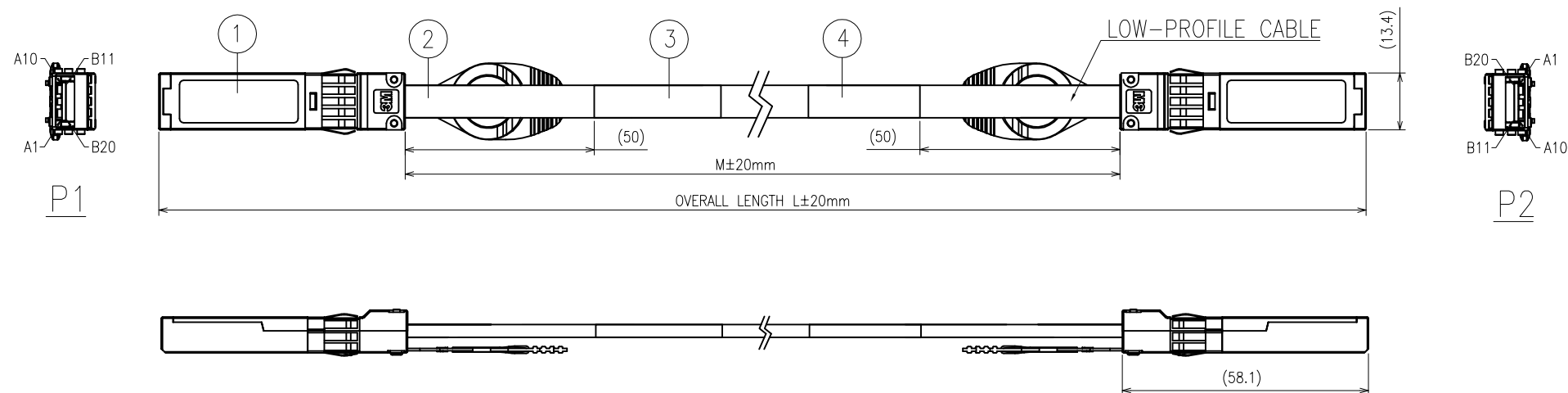


REVISION RECORD		
REV.	ECR/ECN/ECO NUMBER	DATE
A	ECO-0057015	16/09/14



NOTES:

1. ORDERING INFORMATION: REFER TO PART NUMBER TABLE

3. MATERIALS:

① SFP+ SHELL KIT, 2 PCS

② 3M TWINAX CABLE

③④ LABEL:

LILONG LABEL=CLEAR/WHITE BACKGROUND WITH BLACK TEXT, TEXT H=2.00MM, ARIAL,
L*W=40*30MM, "YYWW" IS DATE CODE, e.g YEAR=2007, WEEK=26, YYWW=0726

4. JACKET TYPES: PVC, COLOR: BLUE / RED

5. CABLE FLAMMABILITY RATING: UL VW-1

6. THIS CABLE ASSEMBLY IS RoHS COMPLIANT

7. BULK CABLE MEETS UL TEMP. RANGE -20°C TO +80°C

8. BULK CABLE IMPEDANCE: 100±5 OHMS (DIFFERENTIAL)

9. UNLESS OTHERWISE NOTED, REFERENCES TO INDUSTRY SPECIFICATIONS ARE INTENDED TO INDICATE SUBSTANTIAL COMPLIANCE TO THE MATERIAL ELEMENTS OF THE SPECIFICATION. SUCH REFERENCES SHOULD NOT BE CONSTRUED AS A GUARANTEE OF COMPLIANCE TO ALL REQUIREMENTS IN A GIVEN SPECIFICATION.

10. ALL CABLE ASSEMBLIES ARE INDIVIDUALLY BAGGED.

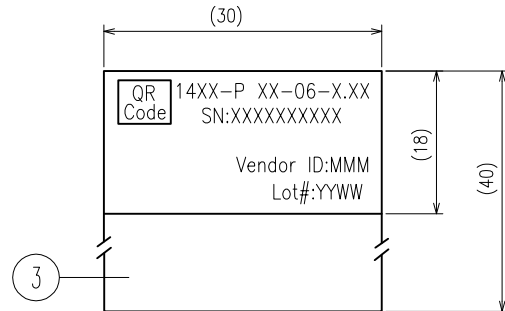
CABLE JACKET COLOR CODE

JACKET TYPE	MUNSELL COLOR
RED PVC	2.5R4/12
BLUE PVC	2.5PB4/10

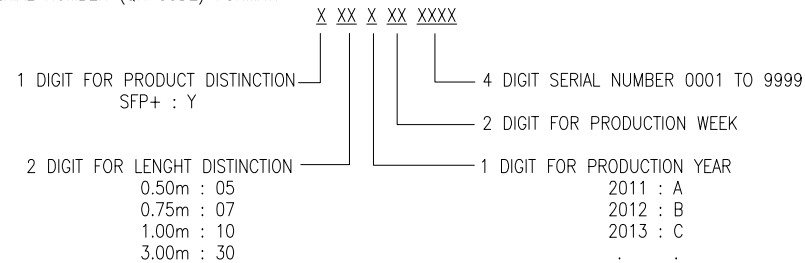
UNIT: MM	DFTG	QIAO YUN LONG	DATE 16/09/14	3M APAC INNOVATION CENTRE	DIVISION ESD		STATUS
GEN. TOLERANCES	CHKD	QIAO YUN LONG	DATE 16/09/14		MODEL _____		RELEASED
LINEAR .0 = ±0.30 .00 = ±0.15 .000= ±0.05	APPVL	SAUJIT BANDHU	DATE 16/09/14	TITLE 3M PASSIVE TWIN AXIAL CABLE ASSEMBLY FOR SFP+ APPLICATIONS WITH UNIVERSAL PULL TAB AND BLUE / RED COLOR CABLE OPTIONS			
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ANGLE ±1°	INTERPRET PER ASME Y14.5M-1994			SIZE A3	DRAWING NO. 78-5100-2649-1		REV A
PROJECTION 							
	CRITICAL DIMENSION: ▲			SCALE : 1:1		DET LIST ☐ YES ☐ NO	SHT 1 of 2
			6		7		8

REVISION RECORD		
REV.	ECR/ECN/ECO NUMBER	DATE
REFER TO SHT 1		

LABEL DETAIL



SERIAL NUMBER (QR CODE) FORMAT:



P1/P2	
PIN NO.	SYMBOL
1	VeeT
2	Tx_Fault
3	Tx_Disable
4	SDA
5	SCL
6	Mod_ABS
7	RS0
8	Rx_LOS
9	RS1
10	VeeR

ASSEMBLY PINOUT

P1		P2	
B11	GND	B20	GND
B12	Rx-	B19	Tx-
B13	Rx+	B18	Tx+
B14	GND	B17	GND
B15	-	B16	-
B16	-	B15	-
B17	GND	B14	GND
B18	Tx+	B13	Rx+
B19	Tx-	B12	Rx-
B20	GND	B11	GND

PART NUMBER TABLE

3M P/N	CABLE COLOR	CABLE LENGTH (METERS) "M"	TOTAL LENGTH (METERS) "L"
1412-P20-06-1.00	RED	0.884	1.0
1412-P20-06-1.50	RED	1.384	1.5
1412-P20-06-2.00	RED	1.884	2.0
1412-P20-06-2.50	RED	2.384	2.5
1412-P20-06-3.00	RED	2.884	3.0
1412-P20-06-3.50	RED	3.384	3.5
1412-P20-06-4.00	RED	3.884	4.0
1412-P20-06-5.00	RED	4.884	5.0
1412-P21-06-1.00	BLUE	0.884	1.0
1412-P21-06-1.50	BLUE	1.384	1.5
1412-P21-06-2.00	BLUE	1.884	2.0
1412-P21-06-2.50	BLUE	2.384	2.5
1412-P21-06-3.00	BLUE	2.884	3.0
1412-P21-06-3.50	BLUE	3.384	3.5
1412-P21-06-4.00	BLUE	3.884	4.0
1412-P21-06-5.00	BLUE	4.884	5.0

UNIT: MM	DFTG	QIAO YUN LONG	DATE 16/09/14	3M APAC INNOVATION CENTRE	DIVISION	ESD	STATUS
GEN. TOLERANCES	CHKD	QIAO YUN LONG	DATE 16/09/14		MODEL		RELEASED
LINEAR .0 = ±0.30 .00 = ±0.15 .000 = ±0.05	APPVL	SAUJIT BANDHU	DATE 16/09/14	TITLE 3M PASSIVE TWIN AXIAL CABLE ASSEMBLY FOR SFP+ APPLICATIONS WITH UNIVERSAL PULL TAB AND BLUE / RED COLOR CABLE OPTIONS			
ANGLE ±1°	THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO 3M COMPANY. NO REPRODUCTION OR PUBLICATION OF THIS DOCUMENT, IN WHOLE OR IN PART, SHALL BE MADE WITHOUT AUTHORIZATION FROM 3M. ©3M 2014. ALL RIGHTS RESERVED.			SIZE A3	DRAWING NO. 78-5100-2649-1		REV A
PROJECTION 	INTERPRET PER ASME Y14.5M-1994						
	CRITICAL DIMENSION: ▲			SCALE : NTS		DET LIST ☐ YES ☐ NO	SHT 2 of 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

3M:

[1412-P31-06-4.00](#) [1412-P31-06-5.00](#) [1412-P31-06-6.00](#) [1412-P32-06-5.00](#) [1412-P32-06-4.00](#) [1412-P20-06-2.00](#)
[1412-P21-06-2.00](#) [1412-P20-06-1.00](#) [1412-P21-06-2.50](#) [1412-P20-06-3.00](#) [1412-P20-06-2.50](#) [7010507140](#)
[7010507155](#) [7010507157](#) [7010507159](#)