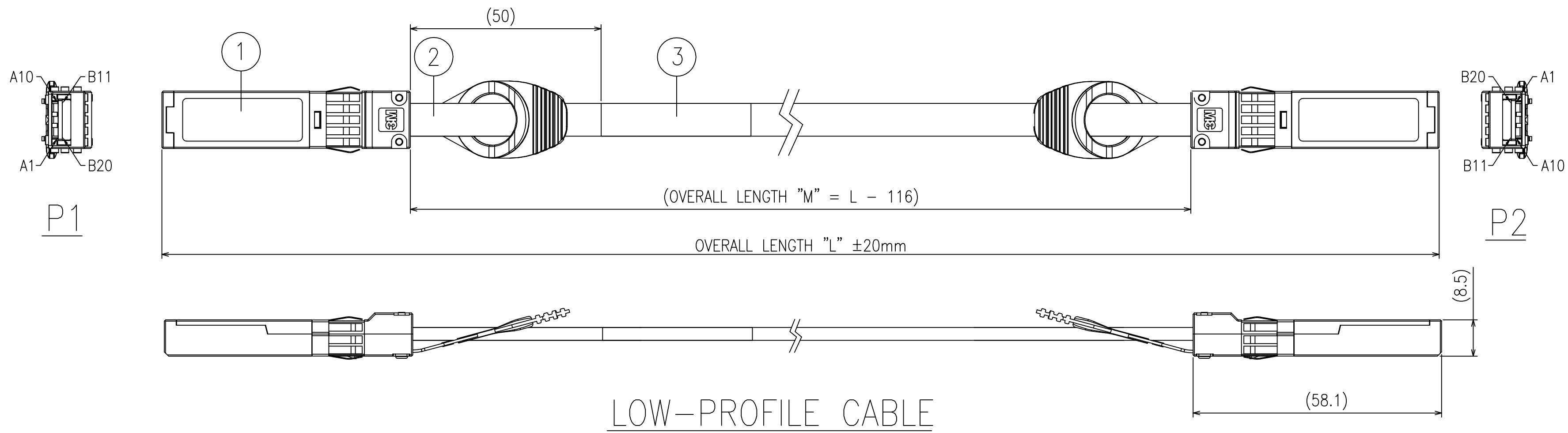




NOTES:

1. ORDERING INFORMATION:

10-UNIVERSAL PULLTAB (BOTTOM) 11-UNIVERSAL PULLTAB (TOP)
14XX-P XX-00-X.XX
LENGTH OPTIONS "L" (in meters)
30 AWG up to 5 meters
26 AWG for 4 to 7 meters

PASSIVE UNEQUALIZED

CODE	CABLE CONFIGURATION
11	30AWG LOW-PROFILE HALOGEN FREE JACKET
17	30AWG LOW-PROFILE PVC JACKET COLOR BLACK
30	26AWG LOW-PROFILE PVC JACKET COLOR BLACK

2. MATERIALS:

- ① - SFP+ SHELL KIT, 2 PCS
- ② - HEAT SHRINKABLE TUBE BLACK (OPTIONAL), 2 PCS
- ③ - 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

3. JACKET TYPES: HALOGEN FREE / PVC, COLOR: BLACK

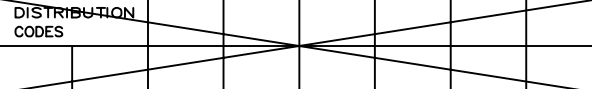
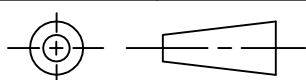
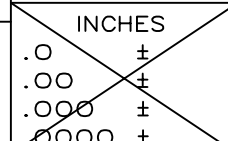
4. THIS CABLE ASSEMBLY IS RoHS COMPLIANT

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

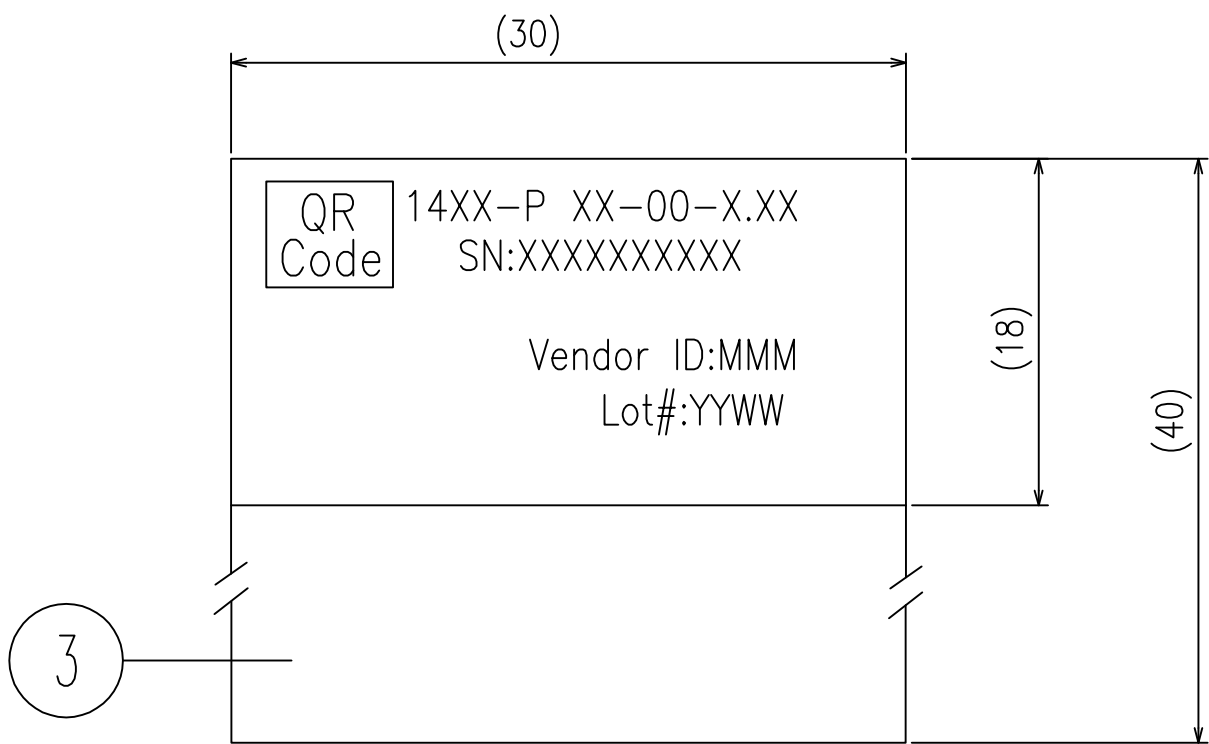
6. BULK CABLE IMPEDANCE: 100±5 OHMS (DIFFERENTIAL)

7. DESIGN TO SFP+ STANDARD SFF-8431

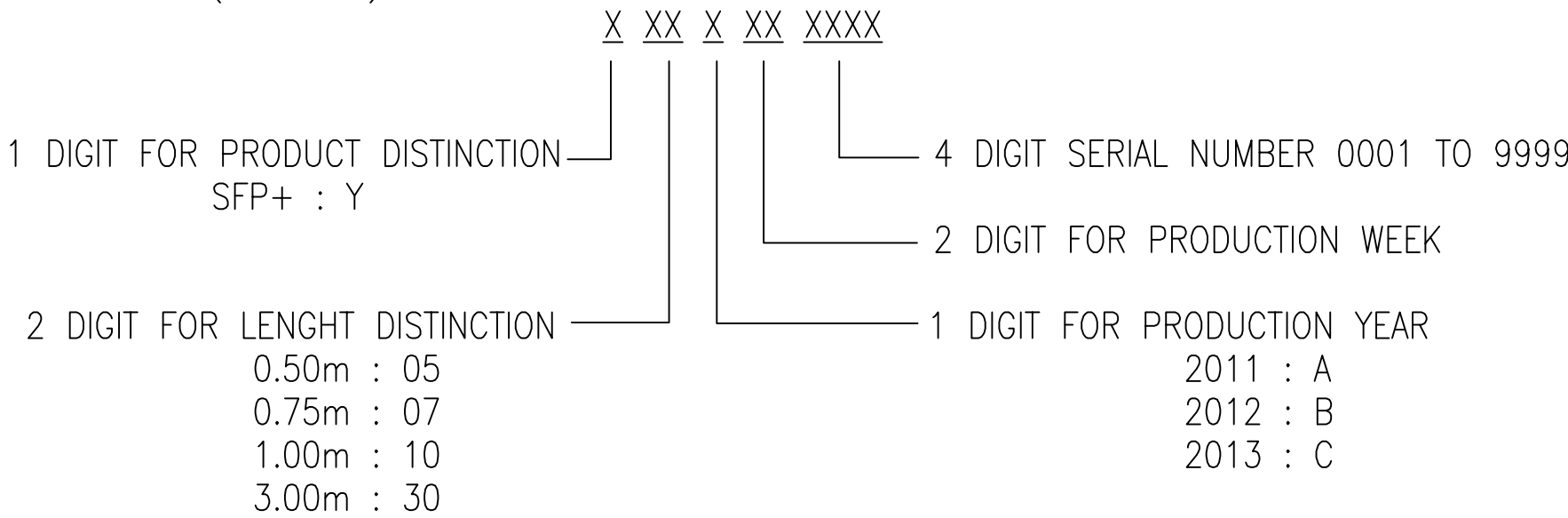
8. UNLESS OTHERWISE NOTED, REFERENCES TO INDUSTRY SPECIFICATIONS ARE INTENDED TO INDICATE SUBSTANTIAL COMPLIANCE TO THE MATERIAL ELEMENTS OF THE SPECIFICATION. SUCH REFERENCES SHOULD NOT BE CONSTRUED AS A GUARANTEE OF COMPLIANCE TO ALL REQUIREMENTS IN A GIVEN SPECIFICATION.

				F	0068166	JUN 03,2016				YL	YL								
				E	0063511	AUG 19,2015				YL	YL								
				D	0053900	MAR 18,2014				YL	YL								
DESIGN REFERENCE				NEXT ASSEMBLY															
DISTRIBUTION CODES				REV		ECO		ISSUE DATE AND DESCRIPTION				DRFT	CHKD						
				DRFT		YUNLONG		DATE		AUG 19,2015		MFG		EDDIE		DATE		AUG 19,2015	
				CHKD		YUNLONG		DATE		AUG 19,2015		APPVL		SAUJIT BANDHU		DATE		AUG 19,2015	
DIVISION ESD				DIVISION CODE				3M Center St. Paul, MN 55144 © 3M COPYRIGHT 2016 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.											
DO NOT SCALE DRAWING		SCALE 1.3 / 1		TOLERANCES EXCEPT AS NOTED															
		THIRD ANGLE PROJECTION																	
		INTERPRET PER ASME Y14.5 - 1994																	
MAX SURFACE ROUGHNESS 125				MILLIMETERS				TITLE 3M™ PASSIVE TWIN AXIAL CABLE ASSEMBLY FOR SFP+ APPLICATIONS WITH UNIVERSAL PULL TAB											
125 ☐ ALL SURFACES ☒ MARKED ONLY				.0 ± .00 ± .000 ± .0000 ±															
				.0 ±.30 .00 ±.15 .000 ±.05															
				ANGLES ±1°				CAGE NUMBER		SIZE		DRAWING NO.				REV.			
								C				78-5100-2418-1				F			
				MODEL				DET. LISTS				☐ YES ☒ NO		SHT 1 OF 2					

LABEL DETAIL



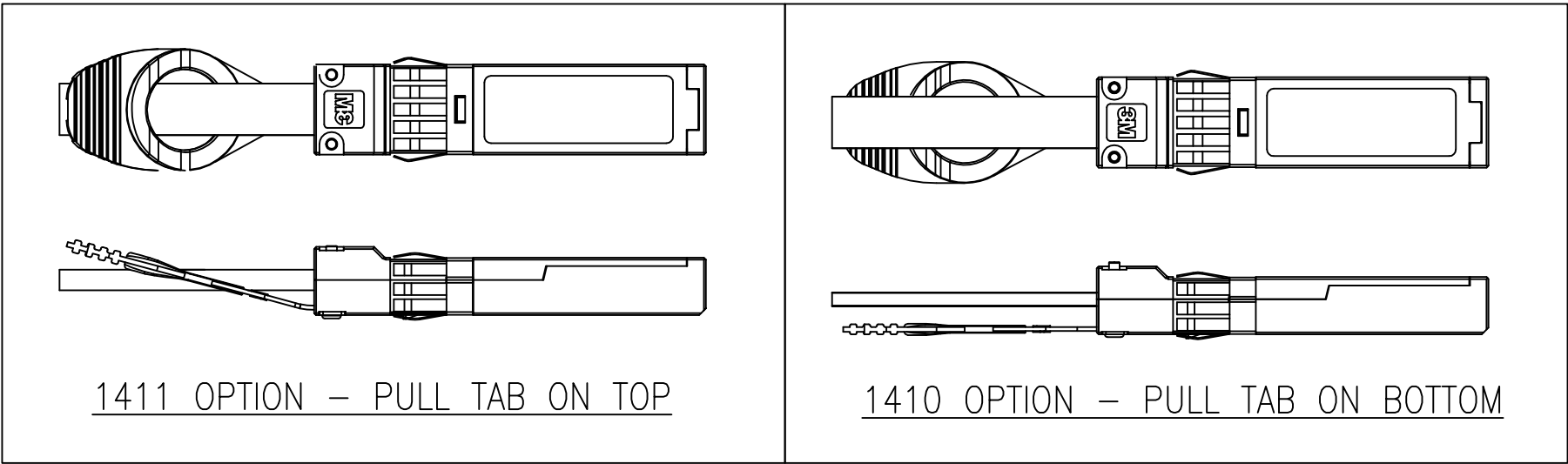
SERIAL NUMBER (QR CODE) FORMAT:



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



EXAMPLE - PART NUMBER ORDER DETAIL

3M™ CABLE ASSEMBLY P/N	CABLE OPTIONS	CABLE SIZE (AWG)	CABLE LENGTH (METERS) "M"	TOTAL LENGTH (METERS) "L"	PULL TAB OPTIONS
1410-P17-00-1.00	PVC, Black	30 AWG	0.88	1.0	BOTTOM
1410-P17-00-2.00	PVC, Black	30 AWG	1.88	2.0	BOTTOM
1410-P17-00-3.00	PVC, Black	30 AWG	2.88	3.0	BOTTOM
1410-P17-00-4.00	PVC, Black	30 AWG	3.88	4.0	BOTTOM
1410-P17-00-5.00	PVC, Black	30 AWG	4.88	5.0	BOTTOM
1410-P30-00-4.00	PVC, Black	26 AWG	3.88	4.0	BOTTOM
1410-P30-00-5.00	PVC, Black	26 AWG	4.88	5.0	BOTTOM
1410-P30-00-6.00	PVC, Black	26 AWG	5.88	6.0	BOTTOM
1410-P30-00-7.00	PVC, Black	26 AWG	6.88	7.0	BOTTOM
1411-P17-00-1.00	PVC, Black	30 AWG	0.88	1.0	TOP
1411-P17-00-2.00	PVC, Black	30 AWG	1.88	2.0	TOP
1411-P17-00-3.00	PVC, Black	30 AWG	2.88	3.0	TOP
1411-P17-00-4.00	PVC, Black	30 AWG	3.88	4.0	TOP
1411-P17-00-5.00	PVC, Black	30 AWG	4.88	5.0	TOP
1411-P30-00-4.00	PVC, Black	26 AWG	3.88	4.0	TOP
1411-P30-00-5.00	PVC, Black	26 AWG	4.88	5.0	TOP
1411-P30-00-6.00	PVC, Black	26 AWG	5.88	6.0	TOP
1411-P30-00-7.00	PVC, Black	26 AWG	6.88	7.0	TOP

DESIGN REFERENCE		NEXT ASSEMBLY		REFER TO PAGE 1							
DISTRIBUTION CODES		DIVISION CODE		REV	ECO	ISSUE DATE AND DESCRIPTION		DRFT	CHKD		
YUNLONG		YUNLONG		DATE	DATE	MFG		DATE	DATE		
YUNLONG		YUNLONG		AUG 19,2015	AUG 19,2015	EDDIE		AUG 19,2015	AUG 19,2015		
YUNLONG		YUNLONG		DATE	DATE	APPVL		DATE	DATE		
YUNLONG		YUNLONG		AUG 19,2015	AUG 19,2015	SAUJIT BANDHU		AUG 19,2015	AUG 19,2015		
DIVISION ESD		DIVISION CODE		3M Center St. Paul, MN 55144							
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THIRD ANGLE PROJECTION		TOLERANCES EXCEPT AS NOTED		TITLE							
INTERPRET PER ASME Y14.5 - 1994		INCHES		3M™ PASSIVE TWIN AXIAL CABLE ASSEMBLY FOR SFP+ APPLICATIONS WITH UNIVERSAL PULL TAB							
MAX SURFACE ROUGHNESS		MILLIMETERS		CAGE NUMBER							
125		0.00 ±.30		SIZE							
✓		.00 ±.15		DRAWING NO.							
✓		.000 ±.05		78-5100-2418-1							
✓		.000 ±.05		REV.							
✓		.000 ±.05		F							
✓		.000 ±.05		SHT 2 OF 2							
✓		.000 ±.05		DET. LISTS							
✓		.000 ±.05		YES							
✓		.000 ±.05		NO							
✓		.000 ±.05		SHT 2 OF 2							
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