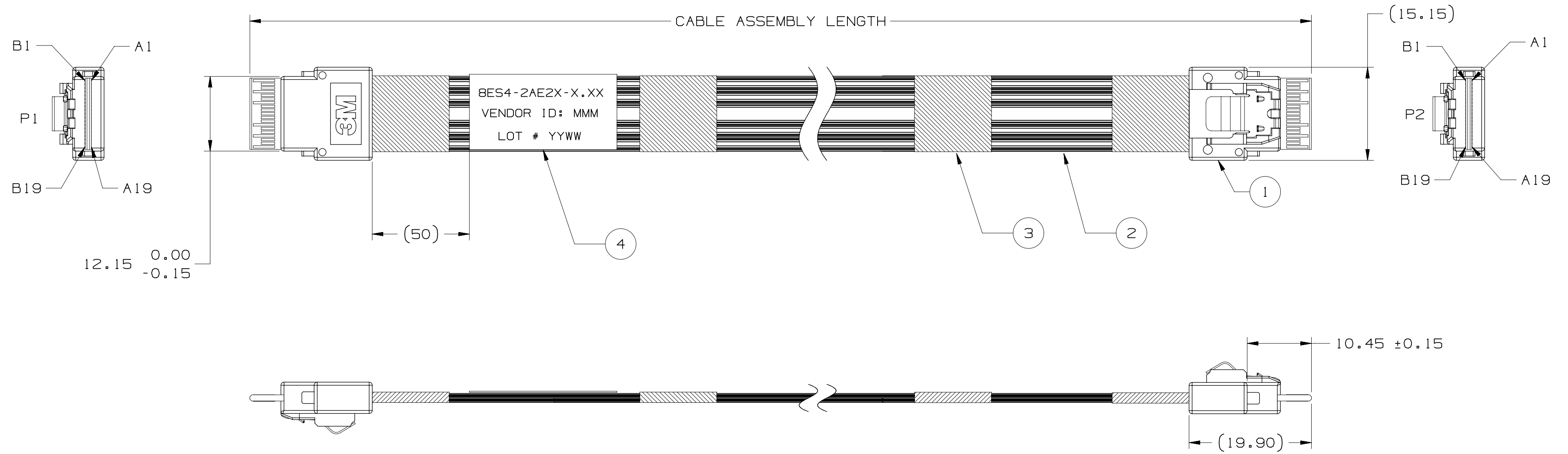


3M™ SlimLine Twin Axial Cable Assembly, 100 Ohm (SFF-8654)



PINOUT

P1		P2	
A1	GND	GND	B1
A2	RX0+	TX0+	B2
A3	RX0-	TX1-	B3
A4	GND	GND	B4
A5	RX1+	TX1+	B5
A6	RX1-	TX1-	B6
A7	GND	GND	B7
A8	SB	SB	B8
A9	SB	SB	B9
A10	SB	SB	B10
A11	SB	SB	B11
A12	SB	SB	B12
A13	GND	GND	B13
A14	RX2+	TX2+	B14
A15	RX2-	TX2-	B15
A16	GND	GND	B16
A17	RX3+	TX3+	B17
A18	RX3-	TX3-	B18
A19	GND	GND	B19

P1		P2	
B1	GND	GND	A1
B2	RX0+	TX0+	A2
B3	RX0-	TX1-	A3
B4	GND	GND	A4
B5	RX1+	TX1+	A5
B6	RX1-	TX1-	A6
B7	GND	GND	A7
B8	SB	SB	A8
B9	SB	SB	A9
B10	SB	SB	A10
B11	SB	SB	A11
B12	SB	SB	A12
B13	GND	GND	A13
B14	RX2+	TX2+	A14
B15	RX2-	TX2-	A15
B16	GND	GND	A16
B17	RX3+	TX3+	A17
B18	RX3-	TX3-	A18
B19	GND	GND	A19

PART NUMBER: 8ES4-2AE2X-X.XX

LENGTH IN METERS
0.125 TO 0.75

- 1 - ST-ST Plug Assembly.
- 2 - RA-ST Plug Assembly.
- 3 - RA-RA Plug Assembly.

8ES4-2AE2X-X.XX
VENDOR : MMM
LOT #WWYY

LABEL INFORMATION

ITEM	SPECIFICATION	QUANTITY
4	PART NUMBER LABEL	4X
3	ACETATE TAPE 15MM WIDTH	AS REQUIRED
2	TWIN AX CABLE , REFER TO NOTES	AS PER LENGTH
1	SLIMLINE PLUG STRAIGHT OR RIGHT ANGLE	2X

REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
B	81149	JAN 14, 2019 CHANGE MIN. LENGTH	VT	VT
A	80465	MAY 4, 2018	VT	VT
DRFT	Vincent Tan	DATE MAY 4, 2018	MFG JG Liu	DATE MAY 4, 2018
CHKD	Vincent Tan	DATE MAY 4, 2018	APPVL Saujit Bandhu	DATE MAY 4, 2018

DESIGN REFERENCE	US682	S9830a
ACCESS CODES		
DIVISION	DIVISION CODE	
DO NOT SCALE DRAWING	SCALE 2/1	TOLERANCES EXCEPT AS NOTED
THIRD ANGLE PROJECTION	INCHES .0 ± .00 ± .000 ± .0000 ±	MILLIMETERS 0 ±1 .0 ±.5 .00 ±.05 .000 ±.005
INTERPRET PER ASME Y14.5 - 2009	ANGLES ±1°	
MAX SURFACE ROUGHNESS	<input type="checkbox"/> ALL SURFACES <input checked="" type="checkbox"/> MARKED ONLY	
125		

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TITLE CUSTOMER DRAWING SLIMLINE TWINAX CABLE ASSY, 100 OHM, X4		
CAGE NUMBER	SIZE	DRAWING NO.
	C	78-5100-2674-9
REV.	B	
MODEL	DET. LISTS	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
		SHT 1 OF 2

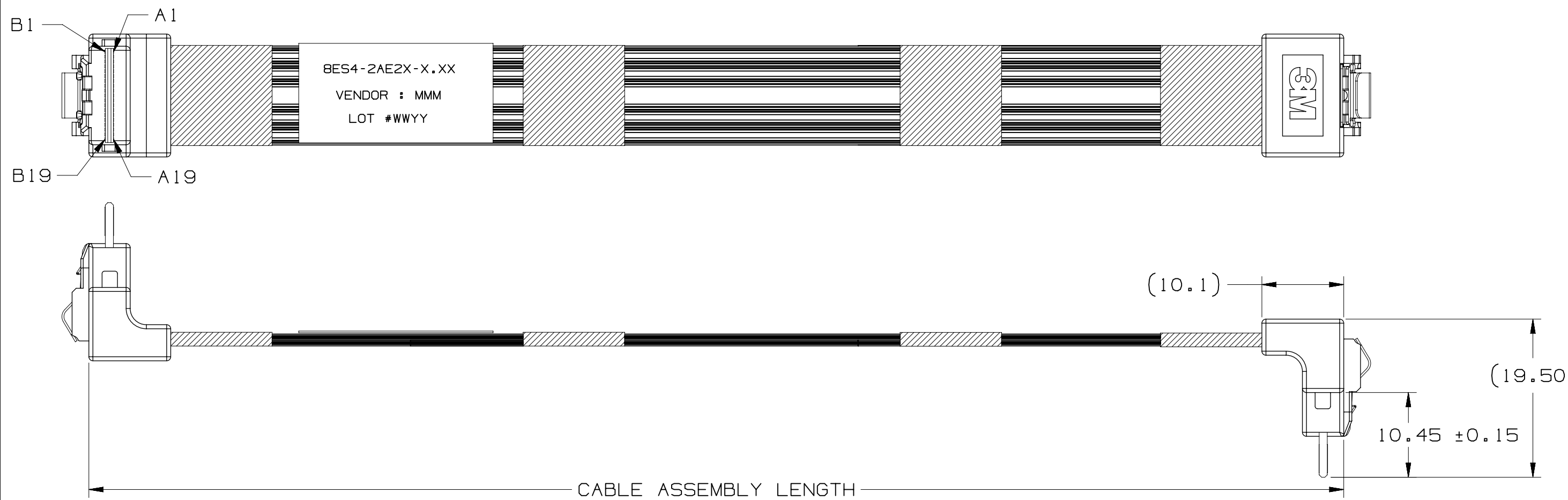
78-5100-2674-9 DRAWING NUMBER

B REVISION

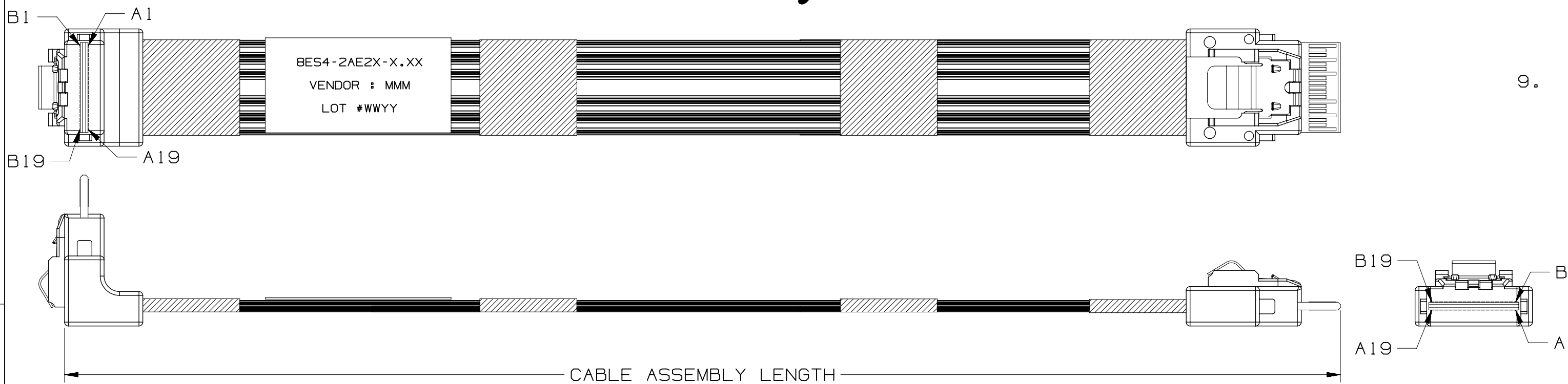
B

A

RA-RA Assembly.



RA-ST Assembly.



NOTES :

- REGULATORY INFORMATION:
VISIT 3M.com/regs OR CONTACT YOUR 3M REPRESENTATIVE TO FIND THE RoHS COMPLIANCE STATUS OF THE 3M PART YOU ARE INTERESTED IN.
- PADLECARD PLATING:
30μ" MIN. GOLD PLATING
50μ" MIN. NICKEL UNDERPLATING.
P/N: 78-9102-3960-3
- 3M™ SLIMLINE TWIN AXIAL CABLE PLUG DIMENSIONS ARE DESIGNED TO SFF-8654.
- PRODUCT SPECIFICATION: 78-5102-0279-5
- TWO RIBBONS OF 3M™ RIBBON TWIN AXIAL CABLE.

SL8801/13-3EBS5-00 - 4 PAIR
31AWG,5SB,VW1, GND TUCKED-IN.
- THIS CABLE CONSTRUCTION HAS A THIN ALUMINUM LAYER AT EACH EDGE. USER SHOULD EVALUATE ITS USE IN THEIR APPLICATION AND, IF NECESSARY, INSULATING TAPE MAY BE APPLIED TO COVER THE ALUMINUM LAYER, AS USER DEEMS APPROPRIATE.
- UNLESS OTHERWISE NOTED, REFERENCE TO INDUSTRY SPECIFICATIONS ARE INTENDED TO INDICATE SUBSTANTIAL COMPLIANCE TO MATERIAL ELEMENTS OF THE SPECIFICATION, SUCH REFERENCES SHOULD NOT BE CONSTRUED AS A GUARANTEE OF COMPLIANCE TO ALL REQUIREMENTS IN A GIVEN SPECIFICATION.
- CLOTH TAPE WRAPPED AROUND CABLE RIBBONS AT BACK OF EACH CONNECTOR. ALSO, UP TO TWO ADDITIONAL TAPE PIECES WILL BE WRAPPED AROUND THE TWO CABLE RIBBONS SPACED EQUIDISTANT FROM THE CONNECTOR ENDS AND EACH OTHER, DEPENDING ON ASSY LENGTH (L):
L ≤ 0.2M: NO ADDITIONAL TAPE
0.2M < L ≤ 0.6M: 1 TAPE WRAP
0.6M < L ≤ 1.0M: 2 TAPE WRAP
- LENGTH TOLERANCE:
±10MM FOR LENGTH ≤ 0.5 METERS
±15MM FOR LENGTH > 0.5 METERS.

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DESIGN REFERENCE	NEXT ASSEMBLY
ACCESS CODES US682 S9830a	
DIVISION	DIVISION CODE
DO NOT SCALE DRAWING	SCALE 1/1
THIRD ANGLE PROJECTION	TOLERANCES EXCEPT AS NOTED
INTERPRET PER ASME Y14.5 - 2009	INCHES .0 ± .00 .000 ± .0000
MAX SURFACE ROUGHNESS 125 □ ALL SURFACES ✓ MARKED ONLY	MILLIMETERS 0 ± .1 .0 ± .05 .000 ± .005
	ANGLES ± 1°

B	81149	JAN 14, 2019	VT	VT
A	80465	MAY 4, 2018	VT	VT
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
DRFT	Vincent Tan	DATE MAY 4, 2018	MFG JG Liu	DATE MAY 4, 2018
CHKD	Vincent Tan	DATE MAY 4, 2018	APPVL Saujit Bandhu	DATE MAY 4, 2018
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TITLE CUSTOMER DRAWING SLIMLINE TWINAX CABLE ASSY, 100 OHM, X4				
CAGE NUMBER	SIZE	DRAWING NO.	REV.	
C	C	78-5100-2674-9	B	
MODEL	DET. LISTS	YES	NO	SHT 2 OF 2

78-5100-2674-9
DRAWING NUMBER
B REVISION