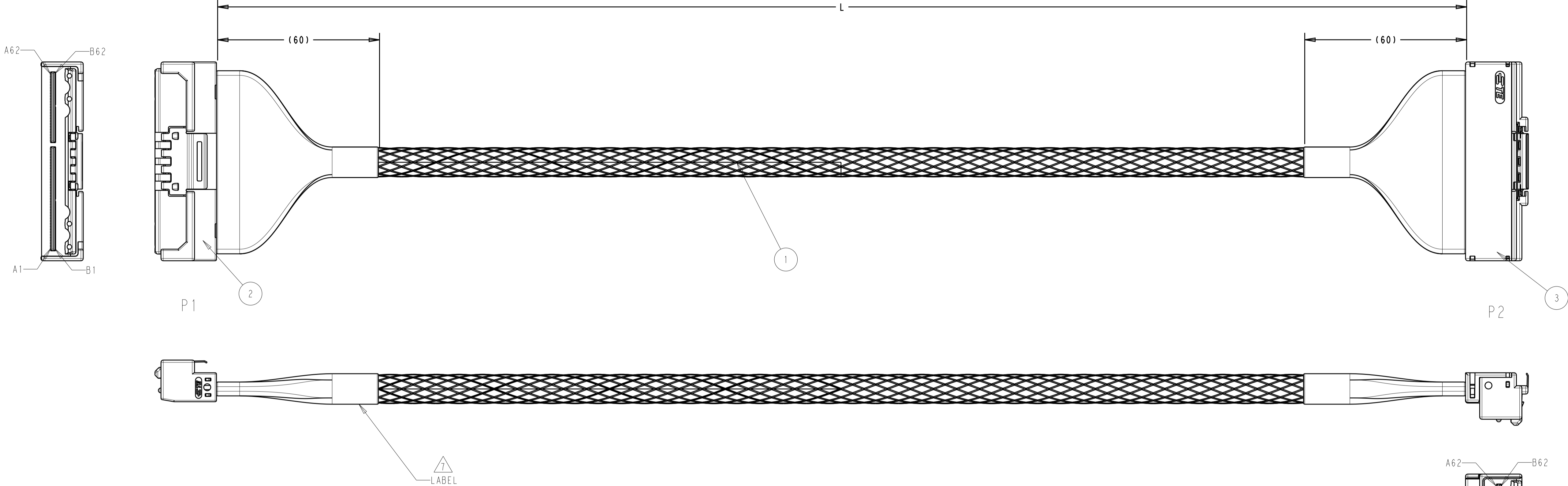
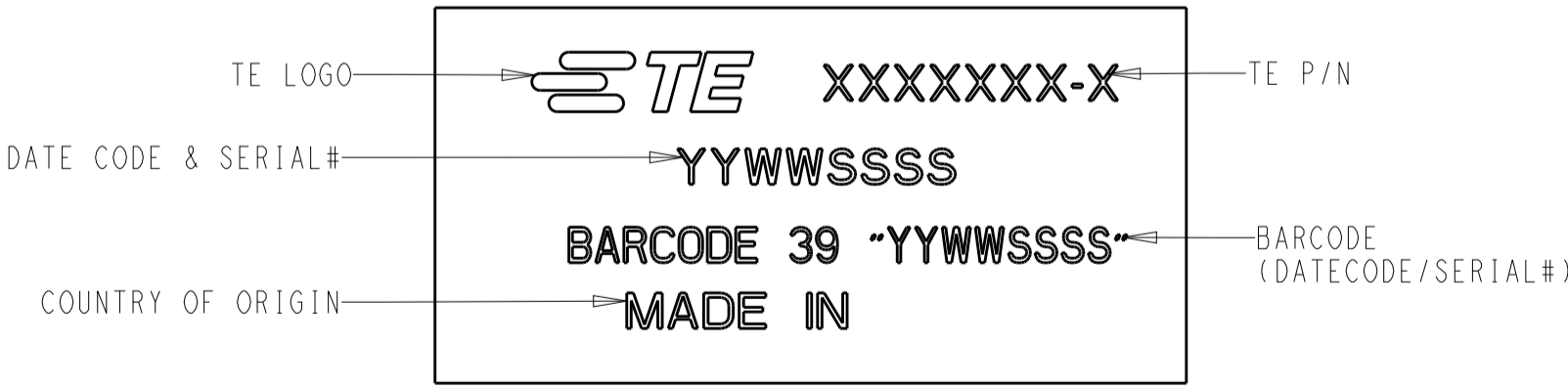


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE	01DEC2020	AC	DZ



1. ALL MATERIALS, COMPONENTS AND PROCESS SHALL COMPLY WITH TEC-138-702.
(CONTAINS NO BANNED OR RESTICTED SUBSTANCES).
2. NO REACH SvHC SHALL BE CONTAINED ABOVE THE THRESHOLD AS DEFINED IN
REACH SvHC COMPLIANCE DEFINITION IN ANNEX A OF TEC-138-702.
3. ASSEMBLY TO BE TESTED FOR CONTINUITY, OPENS, SHORTS, AND SIGNAL INTEGRITY.
4. CABLE BEND RADIUS 5X BUNDLED CABLE OD.
5. SEE SHEET 2 FOR WIRING SCHEMATIC.
6. ELECTRICAL PERFORMANCE MEET THE PCIe Gen4 SPEC.

LABEL INFORMATION SHOWN BELOW:



THIS PRINT IS
PRELIMINARY
UNQUALIFIED PRODUCT
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

1000±10	2366786-2
500±10	2366786-1
L	TE P/N

8. THE CABLE ASSEMBLY SHALL MEET IMPEDANCE REQUIREMENT:
CONNECTORS: 85±15% ohms
CABLE AREA: 85±10% ohms

1	PC	MINI COOLEDGE 124P Right Angle CONNECTOR	3
1	PC	MINI COOLEDGE 124P STR CONNECTOR	2
AR	M	SAS CABLE, 30AWG, 85ohm, VW-1	1
QTY	U/M	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN CHN ADAM CHEN	24OCT2019	TE Connectivity	
DIMENSIONS:		APVD DAVID ZHANG	24OCT2019		
mm		PRODUCT SPEC		NAME CA LPSS x16 30AWG STR to Right Angle 85ohm	
		APPLICATION SPEC		SIZE A1	
MATERIAL TBD		WEIGHT -		CAGE CODE 00779	
FINISH -		CUSTOMER DRAWING		DRAWING NO 2366786	
				RESTRICTED TO -	
				SCALE 6:1	
				SHEET 1 OF 2	
				REV A	

REVISIONS				
P	LTR	DESCRIPTION	DATE	OWN

P1			WIER TYPE	P2						P1			WIER TYPE	P2		
PIN NO.	PAIR NO.	DESIGNATION		DESIGNATION	PAIR NO.	PIN NO.				PIN NO.	PAIR NO.	DESIGNATION		DESIGNATION	PAIR NO.	PIN NO.
A1		GND		GND		B1				B1		GND		GND		A1
A2	1	PC1e TX	DIFF PAIR	PC1e TX	1	B2				B2	21	PC1e RX	DIFF PAIR	PC1e RX	21	A2
A3	1	PC1e TX	DIFF PAIR	PC1e TX	1	B3				B3	21	PC1e RX	DIFF PAIR	PC1e RX	21	A3
A4		GND		GND		B4				B4		GND		GND		A4
A5	2	PC1e TX	DIFF PAIR	PC1e TX	2	B5				B5	22	PC1e RX	DIFF PAIR	PC1e RX	22	A5
A6	2	PC1e TX	DIFF PAIR	PC1e TX	2	B6				B6	22	PC1e RX	DIFF PAIR	PC1e RX	22	A6
A7		GND		GND		B7				B7		GND		GND		A7
A8	3	SIDEBAND	DIFF PAIR	SIDEBAND	3	B8				B8	23	SIDEBAND	DIFF PAIR	SIDEBAND	23	A8
A9	3	SIDEBAND	DIFF PAIR	SIDEBAND	3	B9				B9	23	SIDEBAND	DIFF PAIR	SIDEBAND	23	A9
A10		GND		GND		B10				B10		GND		GND		A10
A11	4	SIDEBAND	DIFF PAIR	SIDEBAND	4	B11				B11	24	SIDEBAND	DIFF PAIR	SIDEBAND	24	A11
A12	4	SIDEBAND	DIFF PAIR	SIDEBAND	4	B12				B12	24	SIDEBAND	DIFF PAIR	SIDEBAND	24	A12
A13		GND		GND		B13				B13		GND		GND		A13
A14	5	PC1e TX	DIFF PAIR	PC1e TX	5	B14				B14	25	PC1e RX	DIFF PAIR	PC1e RX	25	A14
A15	5	PC1e TX	DIFF PAIR	PC1e TX	5	B15				B15	25	PC1e RX	DIFF PAIR	PC1e RX	25	A15
A16		GND		GND		B16				B16		GND		GND		A16
A17	6	PC1e TX	DIFF PAIR	PC1e TX	6	B17				B17	26	PC1e RX	DIFF PAIR	PC1e RX	26	A17
A18	6	PC1e TX	DIFF PAIR	PC1e TX	6	B18				B18	26	PC1e RX	DIFF PAIR	PC1e RX	26	A18
A19		GND		GND		B19				B19		GND		GND		A19
A20	7	PC1e TX	DIFF PAIR	PC1e TX	7	B20				B20	27	PC1e RX	DIFF PAIR	PC1e RX	27	A20
A21	7	PC1e TX	DIFF PAIR	PC1e TX	7	B21				B21	27	PC1e RX	DIFF PAIR	PC1e RX	27	A21
A22		GND		GND		B22				B22		GND		GND		A22
A23	8	PC1e TX	DIFF PAIR	PC1e TX	8	B23				B23	28	PC1e RX	DIFF PAIR	PC1e RX	28	A23
A24	8	PC1e TX	DIFF PAIR	PC1e TX	8	B24				B24	28	PC1e RX	DIFF PAIR	PC1e RX	28	A24
A25		GND		GND		B25				B25		GND		GND		A25
A26	9	SIDEBAND	DIFF PAIR	SIDEBAND	9	B26				B26	29	SIDEBAND	DIFF PAIR	SIDEBAND	29	A26
A27	9	SIDEBAND	DIFF PAIR	SIDEBAND	9	B27				B27	29	SIDEBAND	DIFF PAIR	SIDEBAND	29	A27
A28		GND		GND		B28				B28		GND		GND		A28
A29	10	SIDEBAND	DIFF PAIR	SIDEBAND	10	B29				B29	30	SIDEBAND	DIFF PAIR	SIDEBAND	30	A29
A30	10	SIDEBAND	DIFF PAIR	SIDEBAND	10	B30				B30	30	SIDEBAND	DIFF PAIR	SIDEBAND	30	A30
A31		GND		GND		B31				B31		GND		GND		A31
A32	11	PC1e TX	DIFF PAIR	PC1e TX	11	B32				B32	31	PC1e RX	DIFF PAIR	PC1e RX	31	A32
A33	11	PC1e TX	DIFF PAIR	PC1e TX	11	B33				B33	31	PC1e RX	DIFF PAIR	PC1e RX	31	A33
A34		GND		GND		B34				B34		GND		GND		A34
A35	12	PC1e TX	DIFF PAIR	PC1e TX	12	B35				B35	32	PC1e RX	DIFF PAIR	PC1e RX	32	A35
A36	12	PC1e TX	DIFF PAIR	PC1e TX	12	B36				B36	32	PC1e RX	DIFF PAIR	PC1e RX	32	A36
A37		GND		GND		B37				B37		GND		GND		A37
		KEY		KEY								KEY		KEY		
A38		GND		GND		B38				B38		GND		GND		A38
A39	13	PC1e TX	DIFF PAIR	PC1e TX	13	B39				B39	33	PC1e RX	DIFF PAIR	PC1e RX	33	A39
A40	13	PC1e TX	DIFF PAIR	PC1e TX	13	B40				B40	33	PC1e RX	DIFF PAIR	PC1e RX	33	A40
A41		GND		GND		B41				B41		GND		GND		A41
A42	14	PC1e TX	DIFF PAIR	PC1e TX	14	B42				B42	34	PC1e RX	DIFF PAIR	PC1e RX	34	A42
A43	14	PC1e TX	DIFF PAIR	PC1e TX	14	B43				B43	34	PC1e RX	DIFF PAIR	PC1e RX	34	A43
A44		GND		GND		B44				B44		GND		GND		A44
A45	15	PC1e TX	DIFF PAIR	PC1e TX	15	B45				B45	35	PC1e RX	DIFF PAIR	PC1e RX	35	A45
A46	15	PC1e TX	DIFF PAIR	PC1e TX	15	B46				B46	35	PC1e RX	DIFF PAIR	PC1e RX	35	A46
A47		GND		GND		B47				B47		GND		GND		A47
A48	16	PC1e TX	DIFF PAIR	PC1e TX	16	B48				B48	36	PC1e RX	DIFF PAIR	PC1e RX	36	A48
A49	16	PC1e TX	DIFF PAIR	PC1e TX	16	B49				B49	36	PC1e RX	DIFF PAIR	PC1e RX	36	A49
A50		GND		GND		B50				B50		GND		GND		A50
A51	17	PC1e TX	DIFF PAIR	PC1e TX	17	B51				B51	37	PC1e RX	DIFF PAIR	PC1e RX	37	A51
A52	17	PC1e TX	DIFF PAIR	PC1e TX	17	B52				B52	37	PC1e RX	DIFF PAIR	PC1e RX	37	A52
A53		GND		GND		B53				B53		GND		GND		A53
A54	18	PC1e TX	DIFF PAIR	PC1e TX	18	B54				B54	38	PC1e RX	DIFF PAIR	PC1e RX	38	A54
A55	18	PC1e TX	DIFF PAIR	PC1e TX	18	B55				B55	38	PC1e RX	DIFF PAIR	PC1e RX	38	A55
A56		GND		GND		B56				B56		GND		GND		A56
A57	19	PC1e TX	DIFF PAIR	PC1e TX	19	B57				B57	39	PC1e RX	DIFF PAIR	PC1e RX	39	A57
A58	19	PC1e TX	DIFF PAIR	PC1e TX	19	B58				B58	39	PC1e RX	DIFF PAIR	PC1e RX	39	A58
A59		GND		GND		B59				B59		GND		GND		A59
A60	20	PC1e TX	DIFF PAIR	PC1e TX	20	B60				B60	40	PC1e RX	DIFF PAIR	PC1e RX	40	A60
A61	20	PC1e TX	DIFF PAIR	PC1e TX	20	B61				B61	40	PC1e RX	DIFF PAIR	PC1e RX	40	A61
A62		GND		GND		B62				B62		GND		GND		A62

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

MATERIAL

TBD

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±0.5

±0.13

±0.013

±0.0001

±

-

-

DWN

ADAM.CHEN

24OCT2019

CHK

-

-

APVD

DAVID.ZHANG

24OCT2019

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

NAME

CA LPSS x16 30AWG STR to Right Angle 85ohm

SIZE

CAGE CODE

DRAWING NO

00779

©=2366786

RESTRICTED TO

-

SCALE

6:1

SHEET

2

OF

2

REV

A