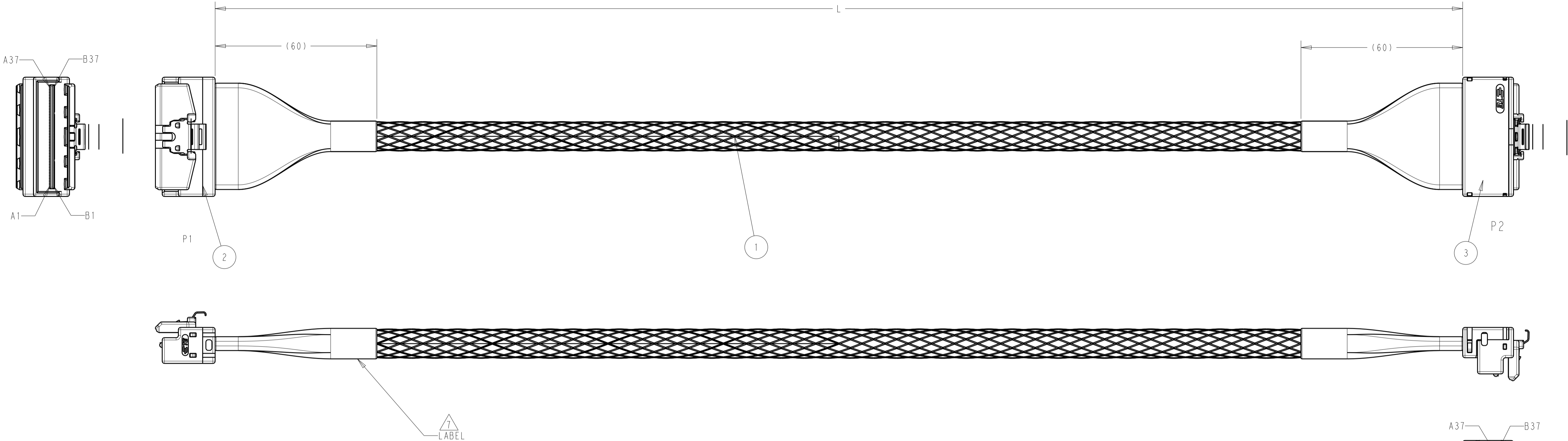
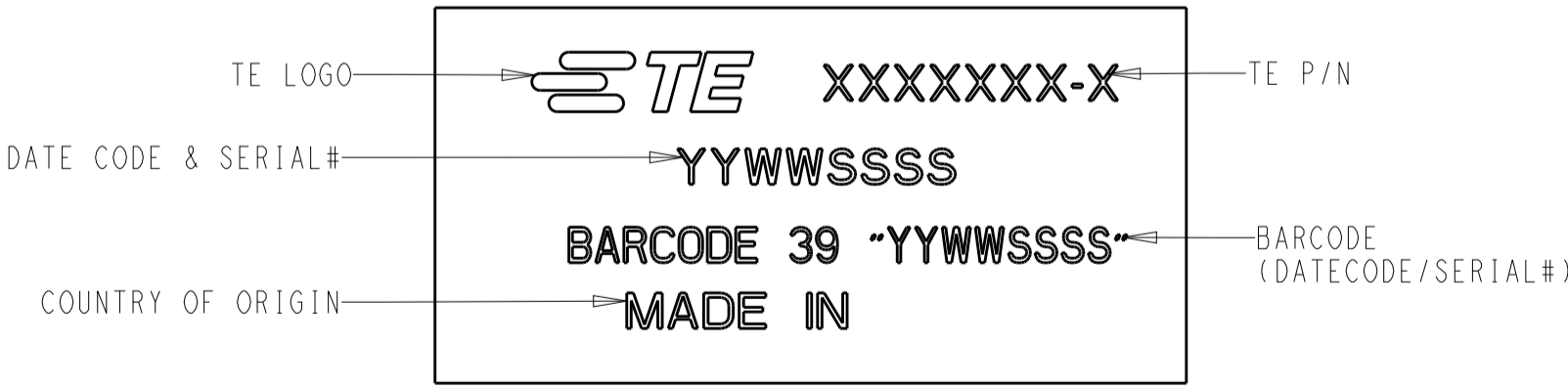


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASE	01DEC2020	AC	DZ



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

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

15u"	1000±10	2366784-4
15u"	500±10	2366784-3
30u"	1000±10	2366784-2
30u"	500±10	2366784-1
Connector Gold Plating	L	TE P/N

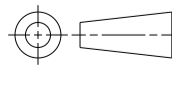
1	PC	Low Profile SlimSAS 74P Right Angle CONNECTOR	3
1	PC	Low Profile SlimSAS 74P STR CONNECTOR	2
AR	M	SAS CABLE, 30AWG, 85ohm, VW-1	1
QTY	U/M	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: 24OCT2019 CHK: ADAM.CHEN	TE Connectivity	
DIMENSIONS:		APVD: 24OCT2019 NAME: DAVID.ZHANG		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	CA, LPSS x8 30AWG STR to RA 85ohm	
	0 PLC ±.5 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001	APPLICATION SPEC	SIZE: CAGE CODE: DRAWING NO: A1 00779 ©=2366784	
MATERIAL	FINISH	WEIGHT	RESTRICTED TO	
TBD	-	-	-	
-	-	CUSTOMER DRAWING	SCALE: 6:1	SHEET 1 OF 2 REV A

P1			WIRE TYPE	P2				P1			WIRE 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	13	PC1e RX	DIFF PAIR	PC1e RX	13	A2
A3	1	PC1e TX	DIFF PAIR	PC1e TX	1	B3		B3	13	PC1e RX	DIFF PAIR	PC1e RX	13	A3
A4		GND		GND		B4		B4		GND		GND		A4
A5	2	PC1e TX	DIFF PAIR	PC1e TX	2	B5		B5	14	PC1e RX	DIFF PAIR	PC1e RX	14	A5
A6	2	PC1e TX	DIFF PAIR	PC1e TX	2	B6		B6	14	PC1e RX	DIFF PAIR	PC1e RX	14	A6
A7		GND		GND		B7		B7		GND		GND		A7
A8	3	SIDEBAND	DIFF PAIR	SIDEBAND	3	B8		B8	15	SIDEBAND	DIFF PAIR	SIDEBAND	15	A8
A9	3	SIDEBAND	DIFF PAIR	SIDEBAND	3	B9		B9	15	SIDEBAND	DIFF PAIR	SIDEBAND	15	A9
A10		GND		GND		B10		B10		GND		GND		A10
A11	4	SIDEBAND	DIFF PAIR	SIDEBAND	4	B11		B11	16	SIDEBAND	DIFF PAIR	SIDEBAND	16	A11
A12	4	SIDEBAND	DIFF PAIR	SIDEBAND	4	B12		B12	16	SIDEBAND	DIFF PAIR	SIDEBAND	16	A12
A13		GND		GND		B13		B13		GND		GND		A13
A14	5	PC1e TX	DIFF PAIR	PC1e TX	5	B14		B14	17	PC1e RX	DIFF PAIR	PC1e RX	17	A14
A15	5	PC1e TX	DIFF PAIR	PC1e TX	5	B15		B15	17	PC1e RX	DIFF PAIR	PC1e RX	17	A15
A16		GND		GND		B16		B16		GND		GND		A16
A17	6	PC1e TX	DIFF PAIR	PC1e TX	6	B17		B17	18	PC1e RX	DIFF PAIR	PC1e RX	18	A17
A18	6	PC1e TX	DIFF PAIR	PC1e TX	6	B18		B18	18	PC1e RX	DIFF PAIR	PC1e RX	18	A18
A19		GND		GND		B19		B19		GND		GND		A19
A20	7	PC1e TX	DIFF PAIR	PC1e TX	7	B20		B20	19	PC1e RX	DIFF PAIR	PC1e RX	19	A20
A21	7	PC1e TX	DIFF PAIR	PC1e TX	7	B21		B21	19	PC1e RX	DIFF PAIR	PC1e RX	19	A21
A22		GND		GND		B22		B22		GND		GND		A22
A23	8	PC1e TX	DIFF PAIR	PC1e TX	8	B23		B23	20	PC1e RX	DIFF PAIR	PC1e RX	20	A23
A24	8	PC1e TX	DIFF PAIR	PC1e TX	8	B24		B24	20	PC1e RX	DIFF PAIR	PC1e RX	20	A24
A25		GND		GND		B25		B25		GND		GND		A25
A26	9	SIDEBAND	DIFF PAIR	SIDEBAND	9	B26		B26	21	SIDEBAND	DIFF PAIR	SIDEBAND	21	A26
A27	9	SIDEBAND	DIFF PAIR	SIDEBAND	9	B27		B27	21	SIDEBAND	DIFF PAIR	SIDEBAND	21	A27
A28		GND		GND		B28		B28		GND		GND		A28
A29	10	SIDEBAND	DIFF PAIR	SIDEBAND	10	B29		B29	22	SIDEBAND	DIFF PAIR	SIDEBAND	22	A29
A30	10	SIDEBAND	DIFF PAIR	SIDEBAND	10	B30		B30	22	SIDEBAND	DIFF PAIR	SIDEBAND	22	A30
A31		GND		GND		B31		B31		GND		GND		A31
A32	11	PC1e TX	DIFF PAIR	PC1e TX	11	B32		B32	23	PC1e RX	DIFF PAIR	PC1e RX	23	A32
A33	11	PC1e TX	DIFF PAIR	PC1e TX	11	B33		B33	23	PC1e RX	DIFF PAIR	PC1e RX	23	A33
A34		GND		GND		B34		B34		GND		GND		A34
A35	12	PC1e TX	DIFF PAIR	PC1e TX	12	B35		B35	24	PC1e RX	DIFF PAIR	PC1e RX	24	A35
A36	12	PC1e TX	DIFF PAIR	PC1e TX	12	B36		B36	24	PC1e RX	DIFF PAIR	PC1e RX	24	A36
A37		GND		GND		B37		B37		GND		GND		A37

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm



MATERIAL
TBD

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.5
1 PLC ±0.13
2 PLC ±0.13
3 PLC ±0.13
4 PLC ±0.0001
ANGLES ±.
FINISH -

-

DWN
ADAM CHEN

CHK
-

APVD
DAVID ZHANG

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

24OCT2019

24OCT2019

NAME
CA, LPSS x8 30AWG
STR to RA
85ohm

SIZE
A

CAGE CODE
00779

DRAWING NO
2366784


RESTRICTED TO
-

SCALE
6:1

SHEET
2

OF
2

REV
A

TE Connectivity