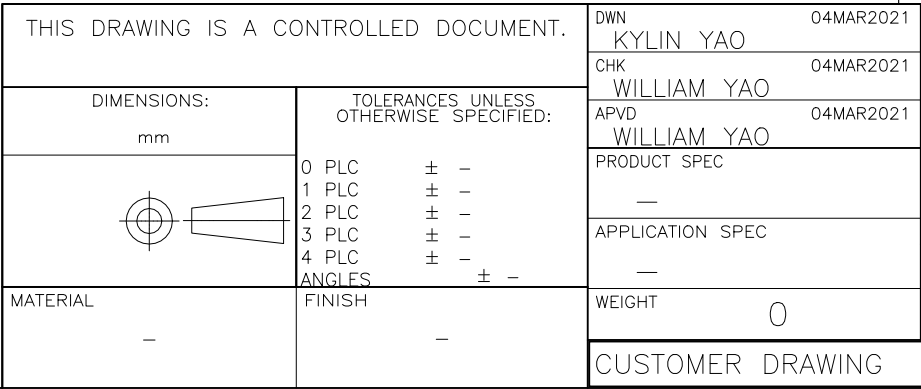


2376534-2		DDA5TSPB001		X1	
TE PN		QPN & REV			
1				TE Connectivity Ltd.	
1					
1		NAME			
Cable Assembly, MBXLE Wiring Harness					
A5TS					
-					
SIZE	CAGE CODE	DRAWING NO			RESTRICTED TO
A2	00779	C-2376534			-
		SCALE	1:1		SHEET
				1	OF 2
				REV	5



4

3

2

1

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WIRING DIAGRAM

T1	T2	T3 (20PIN)	T4 (12PIN)	T5 (8PIN)	T6 (8PIN)	T7 (4PIN)	T8 (24PIN)	T9 (8PIN)	T10 (8PIN)	T11 (8PIN)	T12 (12PIN)	WIRE AWG	COLOR
P6				5,6,7,8	5,6,7,8							16<x8	BLACK
P5				1,2,3,4	1,2,3,4							16<x8	RED
	P6							5,6,7,8	5,6,7,8			16<x8	BLACK
	P5							1,2,3,4	1,2,3,4			16<x8	RED
P1						3	14					16<x2	BLACK
P2						1	15					16<x2	RED
P3			7,8,9,10									16<x4	BLACK
P4			1,2,3,4									16<x4	RED
	P3										7,8,9,10	16<x4	BLACK
	P4										1,2,3,4	16<x4	RED
	P1						20					16	BLACK
	P2						19					16	RED
A1							4 *					24	BLACK
B1							6 *					24	ORANGE
C1							21 *					24	YELLOW
D1							22					24	GREEN
A2							3 *					24	BLACK
B2							5 *					24	ORANGE
C2							7 *					24	YELLOW
D2							17 *					24	GREEN
A3						4 *						24	BLACK
B3							9 *					24	ORANGE
C3							1					24	YELLOW
D3							2					24	GREEN
	A1						4 *					24	BLACK
	B1						6 *					24	ORANGE
	C1						21 *					24	YELLOW
	D1						23					24	GREEN
	A2						3 *					24	BLACK
	B2						5 *					24	ORANGE
	C2						7 *					24	YELLOW
	D2						17 *					24	GREEN
	A3					4 *						24	BLACK
	B3						9 *					24	ORANGE
	C3						12					24	YELLOW
	D3						13					24	GREEN
	C4						18					24	YELLOW
	A5						24 *					24	BLACK
	B5					2 *						24	ORANGE
A4									8			28	BROWN
B4									7			28	RED
C4									6			28	WHITE
D4									5			28	BLUE
A5							24 *					24	BLACK
B5						2 *						24	ORANGE
C5									2			28	WHITE
D5									1			28	BLUE
A6		18										28	BROWN
B6		20										28	RED
C6		14										28	WHITE
D6		8										28	BLUE
A7							16					24	BLACK
B7		6										28	RED
C7		4										28	WHITE
D7		2										28	BLUE
A8							8					24	BLACK
B8		5										28	RED
C8		9										28	WHITE
D8		1										28	BLUE

* DUAL WIRES

NOTES:

⚠ THE LABEL TEXT AS FOLLOWS:

TE P/N

Q P/N

YMD:YEAR(0~9), MONTH(1~C), DAY(1~V)
XX:QUANTA'S PART REV,
i.e X1;PRINT TWO DIGIT.
SSSS:SERIAL NO. 0001~ZZZZ.

TYC PN:2376534-X

YMDXXSSSS

QR

QR

QRCORD READ AS
TYC*****YMDXXSSSS

⚠ TERMINATION MARK.

XXXXX

XXXXX

SEE SHEET 1, PRODUCT VIEW.

3. 100% ELECTRICAL TEST FOR CONTINUITY, OPENS AND SHORTS.

4. ALL MATERIALS. COMPONENTS AND PROCESS SHALL COMPLY WITH TEC-138-702.
(CONTAINS NO BANNED OR RESTICTED SUBSTANCES).

5. RECOMMENDED XMATING CONNECTOR OF MBXLE, TE 2322040-5.

AR	MR	ACETACE CLOTH TAPE, BLACK	24
12	PC	LABEL	23
AR	MR	EXPANDO BRAID SLEEVE, BLACK	22
2	PC	MBLXE CONNECTOR	21
AR	MR	28AWG WIRE, BLUE	20
AR	MR	28AWG WIRE, WHITE	19
AR	MR	28AWG WIRE, RED	18
AR	MR	28AWG WIRE, BROWN	17
AR	MR	24AWG WIRE, GREEN	16
AR	MR	24AWG WIRE, YELLOW	15
AR	MR	24AWG WIRE, ORANGE	14
AR	MR	24AWG WIRE, BLACK	13
AR	MR	16AWG WIRE, RED	12
AR	MR	16AWG WIRE, BLACK	11
6	PC	MOLEX CONTACT 5013340000	10
1	PC	MOLEX HOUSING 5013300800	9
10	PC	ACES CONTACT GF 50420-T011	8
1	PC	ACES HOUSING 50420-020HKH0-001	7
24	PC	MATE-N-LOK CONTACT, TIN	6
2	PC	MATE-N-LOK BLACK, 3MM 12P UL94V-0	5
1	PC	MATE-N-LOK BLACK, 3MM 4P UL94V-0	4
54	PC	VAL-U-LOK, CONTACT, TIN	3
1	PC	VAL-U-LOK WHITE, 4.2MM 24P UL94V-0	2
4	PC	VAL-U-LOK WHITE, 4.2MM 8P UL94V-0	1
QTY	U/M	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

MATERIAL
-

FINISH
-

DWN
KYLIN YAO

CHK
WILLIAM YAO

APVD
WILLIAM YAO

PRODUCT SPEC

APPLICATION SPEC

WEIGHT
0

CUSTOMER DRAWING

04MAR2021

04MAR2021

04MAR2021

—

—

0

SCALE
1:1

NAME
Cable Assembly, MBXLE Wiring Harness
A5TS
—

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-2376534

RESTRICTED TO
—

SHEET
2 OF 2

REV
5

TE

TE Connectivity Ltd.

1471-9 (1/15)