



NOTES:

1. Electric Test: 100% Open & Short and Mis-wire Test
2. Insulation Resistance: 100 MOhm Min.
3. Conductor Rresistance: 2 Ohm Max.
4. Voltage Test: 300V/DC 0.1s
5. Rated Voltage: 48V
6. Rated Current: 5A

BILL OF MATERIALS

ITEM	DESCRIPTIONS	FINISH	QTY	NOTE
①	CABLE	WITH TPE JACKET, BLACK, OD = 4.8mm (30#*8C)+(32#*1P)+(34#*3C)+(34#*1C)+(26#*2C)+E(28#)*2pcs+BRAID	1	SET
②	TYPE C PLUG	WITH PCBA AND E-MARKER	1	PCS
③	TYPE C PLUG	WITH PCBA AND WITHOUT E-MARKER	1	PCS
④	INNER MOLD	PE	1	PCS
⑤	OVER MOLD	TPE, BLACK	1	PCS

PART NUMBER	LENGTH (L)
KMCX-USB4.0-MTOM-1M	1000 mm
KMCX-USB4.0-MTOM-0.8M	800 mm

PIN ASSIGNMENT

P2	SIGNAL NAME		P2	SIGNAL NAME
A1,B1,A12,B12	GND	E-MARKER	A1,B1,A12,B12	GND
A4,B4,A9,B9	VBUS		A4,B4,A9,B9	VBUS
A5	CC		A5	CC
B5	VCONN	BRAID	B5	VCONN
A6	DP1		A6	DP1
A7	DN1	SHELL	A7	DN1
A2	SSTXP1		B11	SSRXP1
A3	SSTXN1	B10	SSRXN1	
B11	SSRXP1	A2	SSTXP1	
B10	SSRXN1	A3	SSTXN1	
B2	SSTXP2	A11	SSRXP2	
B3	SSTXN2	A10	SSRXN2	
A11	SSRXP2	B2	SSTXP2	
A10	SSRXN2	B3	SSTXN2	
A8	SBU1	B8	SBU1	
B8	SBU2	A8	SBU2	
B6	N.C	B6	N.C	
B7	N.C	B7	N.C	
SHELL		BRAID	SHELL	

It is the responsibility of the customer to thoroughly review this spec to ensure accuracy before signing and dating below.

Signature: _____

Date: _____

PRELIMINARY

PART IN DESIGN
SPECIFICATION SUBJECT TO CHANGE

RoHS COMPLIANT

Tolerances

X.X ± 0.20
X.XX ± 0.15
Unless Stated
Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	07/06/23	New Drawing	C. Kelleher	C. Furumasu	C. Kelleher	07/06/23

KMCX-USB4.0-MTOM-xM

(Where x = Length (L) in Meters)

Cable, USB-C 4.0 Male To Male

RoHS Compliant, Halogen Free

