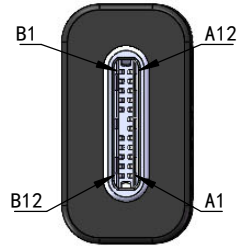
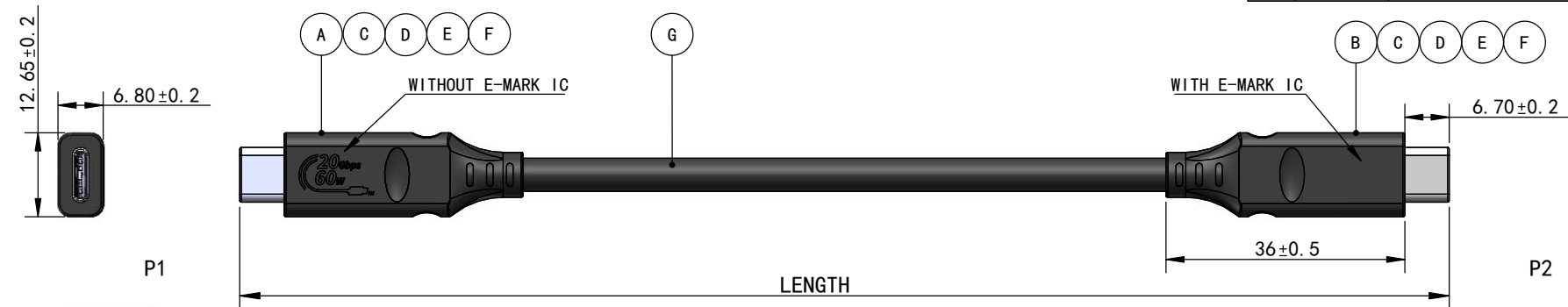


REV.	ECO. NO.	DESCRIPTION	DATE
A		Add TID number	2025.08.25



TYPE-C PLUG PIN (2:1)

LEOCO P/N:	LENGTH	
	FEET	mm
2079W3FNE03	1' ± 0.6"	305 ± 15
2079W3FNE13	1.5' ± 0.8"	457 ± 20
2079W3FNE23	2' ± 0.8"	610 ± 20
2079W3FNE33	3' ± 1.2"	915 ± 30
2079W3FNE43	3.3' ± 1.2"	1000 ± 30

* Length less than 1 meter can be customized according to requirements.

Pin Assignment	TYPE-C (P1) WITHOUT IC				TYPE-C (P2) WITH IC			
	A1 A12 B1 B12	SIGNAL NAME	PCB PAD	COLOR	A1 A12 B1 B12			
C2:10nF	B11	RX1+	A2	RED ⊙	A2			
	B10	RX1-	A3	BLUE ⊙	A3			
	A5	CC	A5	YELLOW	A5			
	A6	D+	A6	GREEN	A6			
	A7	D-	A7	WHITE	A7			
	B8	SBU2	A8	ORANGE	A8			
	B3	TX2-	A10	ORANGE ⊙	A10			
	B2	TX2+	A11	GREEN ⊙	A11			
	A11	RX2+	B2	BROWN ⊙	B2			
	A10	RX2-	B3	YELLOW ⊙	B3			
C2:10nF	A4 A9 B4 B9	Vbus	V	RED	A4 A9 B4 B9			
	B5	Vconn	B5	BLUE	B5			
	A8	SBU1	B8	RED	B8			
	A3	TX1-	B10	WHITE ⊙	B10			
	A2	TX1+	B11	BLACK ⊙	B11			
	SHELL				SHELL			

NOTE:

- Mechanical Properties:
 - Plug insertion force: 0.5-2Kgf, extraction force: 0.8-2Kgf, durability: 10000 cycles.
 - Cable Pull-Out: weight 40N, 1 minute, no mechanical damage and no electrical discontinuity.
 - Wrenching strength: Perpendicular forces are applied to the plug in four directions, and a moment 0.75 Nm is applied to the plug, no damage and no electrical discontinuity or shorting.
 - Cable flexing: weight 500g, angle ±60°, no damage and no electrical discontinuity after 500 times.
- Electrical Properties:
 - All cable must be 100% tested for short, open, miss wire.
 - Conductor resistance: 3Ω Max
 - Insulation resistance: 20MΩ Min/DC 300V/0.01S
 - Hi-Pot: AC 100V/1.0mA/0.01S Capacitance: A01-A04 20nF ±20%.
 - Voltage drop test: Current 5A, 500mV Max/Vbus, 250mV Max/GND.
- Environmental Performance:
 - Working temperature: -10~+50°C
- Environmental Protection:
 - All materials are RoHS compliant
- Others:
 - Complies with USB Type-C Cable and Connector Specification R2.4
 - USB-IF certification SPEC: USB 20Gbps/60W (3A/20V), TID: 14185 and the maximum charging power 100W (5A/20V).

ITEM	MATERIAL NAME	MFG	DESCRIPTION	Q'TY
G	USB CABLE		USB TYPE-C CABLE, UL21445 (30AWG*1C+S+F+M)*8C+34AWG*1P+32AWG*4C+26AWG*1C+23AWG*1C+FPB, JACKET:TPE, BLACK, OD:4.8mm, VW-1	A/R
F	PLASTIC		OUTER MOLDING TPE, SHORE 80A, UL94V-0 COLOR:BLACK	A/R
E	COPPER FOIL		COPPER FOIL 3x0.06mm DOUBLE-SIDED CONDUCTION	A/R
D	PLASTIC		INNER MOLDING LPM 2108, COLOR:BLACK	A/R
C	SHELL		USB TYPE-C STAMPING SHELL, FRONT SHELL/BACK SHELL:NI-PLATED	2
B	CONNECTOR		USB TYPE-C MALE, INSULATOR:BLACK, PIN:GOLD 3u", PCB'A WITH E-MARK (PD3.1)	1
A	CONNECTOR		USB TYPE-C MALE, INSULATOR:BLACK, PIN:GOLD 3u", PCB'A WITHOUT E-MARK	1

LEOCO P/N:	2079W3FNE*3	LEOCO CORPORATION					
APPROVED:	Passe 25.8.25	TITLE: USB 20Gbps Type-C Plug to Type-C Plug Cable (Coaxial Cable Version)					
APPROVED:	Chard 25.8.25						
CHECKED:	Rose 25.8.25	CUST P/N:	NA	DRAWING NO.			
DRAWN:	Andy 25.8.25	CUST CODE:	NA	2079**11			
		THIRD ANGLE PROJECTION	010605	UNIT	SIZE	SHEET	REV.
				mm	A4	1/1	A

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