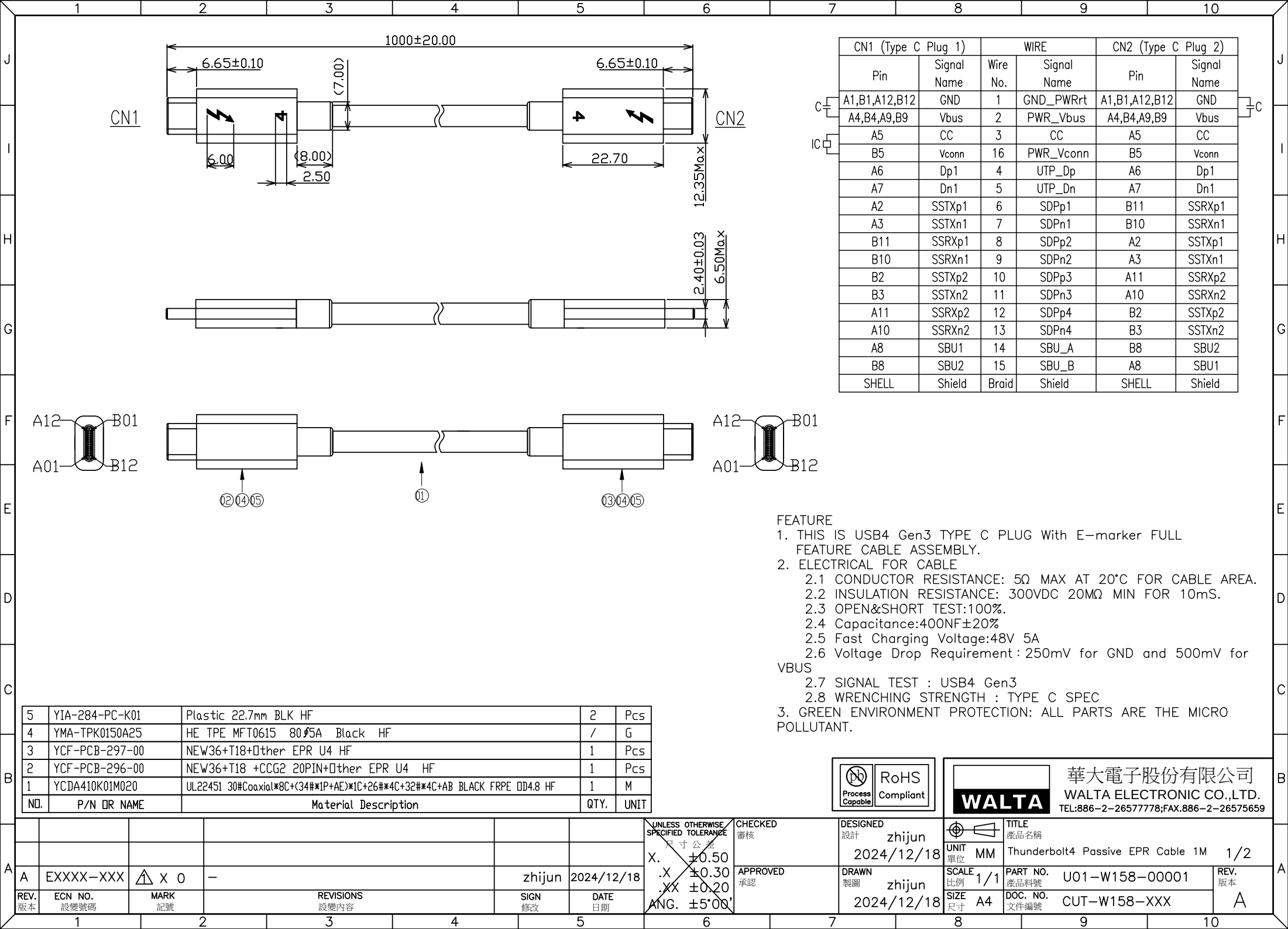




CN1 (Type C Plug 1)		WIRE		CN2 (Type C Plug 2)	
Pin	Signal Name	Wire No.	Signal Name	Pin	Signal Name
A1,B1,A12,B12	GND	1	GND_PWRrt	A1,B1,A12,B12	GND
A4,B4,A9,B9	Vbus	2	PWR_Vbus	A4,B4,A9,B9	Vbus
A5	CC	3	CC	A5	CC
B5	Vconn	16	PWR_Vconn	B5	Vconn
A6	Dp1	4	UTP_Dp	A6	Dp1
A7	Dn1	5	UTP_Dn	A7	Dn1
A2	SSTXp1	6	SDPp1	B11	SSRXp1
A3	SSTXn1	7	SDPn1	B10	SSRXn1
B11	SSRXp1	8	SDPp2	A2	SSTXp1
B10	SSRXn1	9	SDPn2	A3	SSTXn1
B2	SSTXp2	10	SDPp3	A11	SSRXp2
B3	SSTXn2	11	SDPn3	A10	SSRXn2
A11	SSRXp2	12	SDPp4	B2	SSTXp2
A10	SSRXn2	13	SDPn4	B3	SSTXn2
A8	SBU1	14	SBU_A	B8	SBU2
B8	SBU2	15	SBU_B	A8	SBU1
SHELL	Shield	Braid	Shield	SHELL	Shield

- FEATURE
- THIS IS USB4 Gen3 TYPE C PLUG With E-marker FULL FEATURE CABLE ASSEMBLY.
 - ELECTRICAL FOR CABLE
 - CONDUCTOR RESISTANCE: 5Ω MAX AT 20°C FOR CABLE AREA.
 - INSULATION RESISTANCE: 300VDC 20MΩ MIN FOR 10mS.
 - OPEN&SHORT TEST:100%.
 - Capacitance:400NF±20%
 - Fast Charging Voltage:48V 5A
 - Voltage Drop Requirement : 250mV for GND and 500mV for VBUS
 - SIGNAL TEST : USB4 Gen3
 - WRENCHING STRENGTH : TYPE C SPEC
 - GREEN ENVIRONMENT PROTECTION: ALL PARTS ARE THE MICRO POLLUTANT.

5	YIA-284-PC-K01	Plastic 22.7mm BLK HF	2	Pcs
4	YMA-TPK0150A25	HE TPE MFT0615 80#5A Black HF	/	G
3	YCF-PCB-297-00	NEW36+T18+Other EPR U4 HF	1	Pcs
2	YCF-PCB-296-00	NEW36+T18 +CCG2 20PIN+Other EPR U4 HF	1	Pcs
1	YCDA410K01M020	UL22451 30#Coaxial*8C+(34#*1P+AE)*1C+26#*4C+32#*4C+AB BLACK FRPE DD4.8 HF	1	M
NO.	P/N OR NAME	Material Description	QTY.	UNIT



華大電子股份有限公司
WALTA ELECTRONIC CO.,LTD.
TEL:886-2-26577778;FAX:886-2-26575659

A	EXXXX-XXX	△ X 0	-	zhijun	2024/12/18
REV. 版本	ECN NO. 設變號碼	MARK 記號	REVISIONS 設變內容	SIGN 修改	DATE 日期
1					
2					
3					
4					
5					

UNLESS OTHERWISE SPECIFIED TOLERANCE 尺寸公差	CHECKED 審核	DESIGNED 設計	UNIT 單位	TITLE 產品名稱
X. ±0.50		zhijun	MM	Thunderbolt4 Passive EPR Cable 1M
.X ±0.30	APPROVED 承認	2024/12/18	SCALE 比例	1/2
.XX ±0.20		zhijun	1/1	
ANG. ±5'00"		2024/12/18	PART NO. 產品料號	U01-W158-00001
			DOC. NO. 文件編號	CUT-W158-XXX
			REV. 版本	A

E-marker 燒錄信息：

Device Parameters	
Parameters	Value
Part number	CYPD2103-20FNXI
Flashing VID(0x)	04B4
Flashing mode index	1
USB Vendor ID(0x)	522
USB Product ID(0x)	A17
Config table major version	0
PD revision	3.0

Firmware	
Parameters	Value
Part number	CYPD2103-20FNXI
Device family	CCG2
Application type	CABLE
Running mode	Main FW
Bootloader	
Base version	1.0.0.642 or 1.0.3.898
App version	0.0 or 1.2
Failsafe firmware	
Base version	1.0.3.898
App version	1.5
Main firmware	
Base version	1.0.3.898
App version	1.5
Programmable	Yes

Device IDs	
Parameters	Value
USB host support	No
USB device support	No
Modal operation supported	Yes
USB Vendor ID(0x)	522
Product type(Cable)	Passive Cable
Connector Type	Reserved for compatibility with legacy
USB-IF compliance	943
USB Product ID(0x)	A17
Bcd device(0x)	190

Cable VDO	
Parameters	Value
Cable hardware version(0x)	1
Cable firmware version(0x)	1
Cable type	Type-C to Type-C
EPR mode capable	Yes
Cable latency	Less than 10ns
Cable termination type	VCONN not required
Maximum Vbus voltage(V)	5.0
VBus current handling capability	5A
Sop"controller present	No
USB version	[USB4]Gen3

SVID 0	
SVID Value(0x):4B4	
Parameters	Value
Mode 0 (0x)	1

SVID 1	
SVID Value(0x):8087	
Parameters	Value
Mode 0 (0x)	30001



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UNLESS OTHERWISE SPECIFIED TOLERANCE 尺寸公差	CHECKED 審核	DESIGNED 設計	UNIT 單位	TITLE 產品名稱
X. ±0.50		zhijun	MM	Thunderbolt4 Passive EPR Cable 1M
.X ±0.30	APPROVED 承認	2024/12/18	SCALE 比例	2/2
.XX ±0.20		zhijun	1/1	
ANG. ±5'00"		2024/12/18	PART NO. 產品料號	U01-W158-00001
			DOC. NO. 文件編號	CUT-W158-XXX
			REV. 版本	A