

< CONTROL DRAWING >

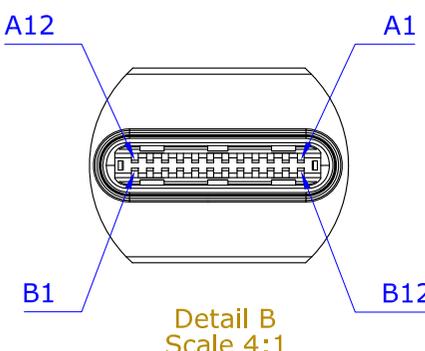
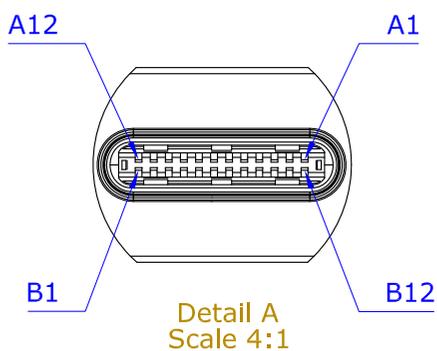
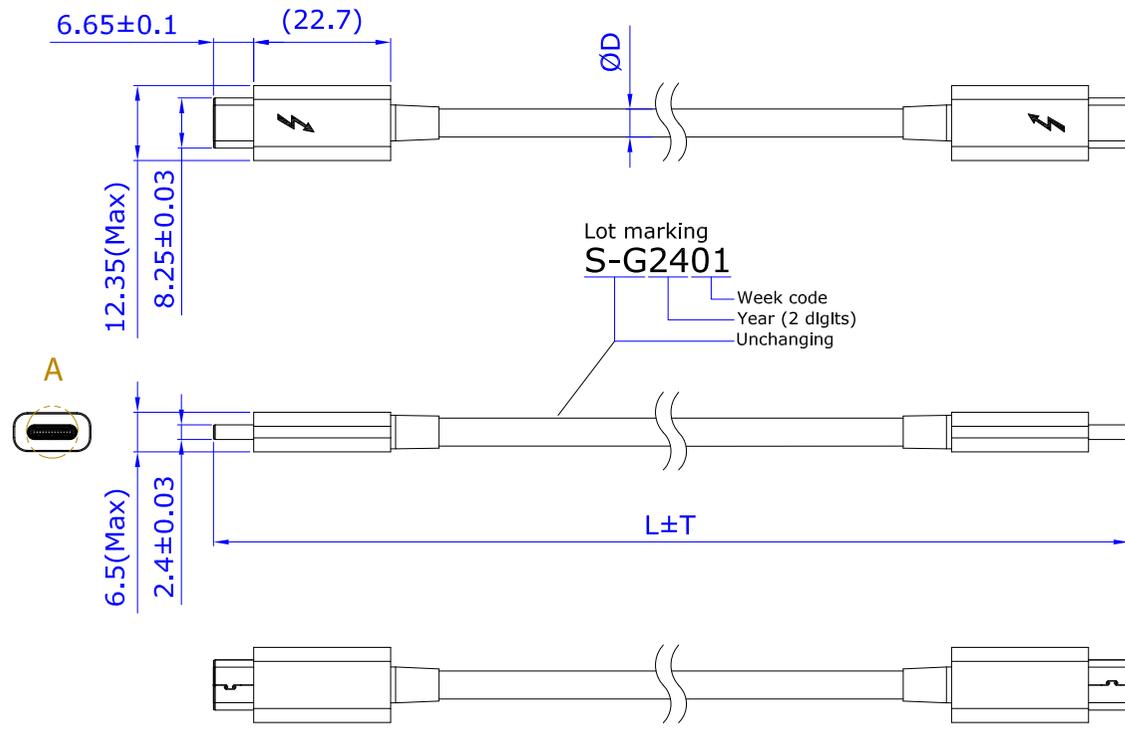
REV.	DATE	REVISER	DESCRIPTION
0,0	Jun. 20, 2024	N.YOKOTA	•Initial Released



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Pin assignment diagram

Pin Number (LHS)	Signal Name	Pin Number (RHS)	Cable Type
A1,B1,A12,B12	GND_PWRrt1[GND_PWRrt2]	A1,B1,A12,B12	Spiral shield
A4,B4,A9,B9	PWR_VBUS1[PWR_VBUS2]	A4,B4,A9,B9	Discrete
A5	CC	A5	Discrete
B5	PWR_VCONN	B5	Discrete
A6	STP_Dp	A6	Twisted pair
A7	STP_Dn	A7	
A2	SDPp1	B11	Coaxial
A3	SDPn1	B10	Coaxial
B11	SDPp2	A2	Coaxial
B10	SDPn2	A3	Coaxial
B2	SDPp3	A11	Coaxial
B3	SDPn3	A10	Coaxial
A11	SDPp4	B2	Coaxial
A10	SDPn4	B3	Coaxial
A8	SBU_A	B8	Discrete
B8	SBU_B	A8	Discrete
Shell	Shield	Shell	-



Serial No.	Cable				VBUS power	USB specification
	Color	D[mm]	L[m]	T[m]		
010624	Black	4.6±0.2	2.00	0.05	100W (20V/5A)	TBT3 20G with E-mark IC

CHECK BACK DRW		USER	
PRODUCTION DRW		PRODUCTION No.	
SPECIFICATION DRW		NAME	THUNDERBOLT3 PASSIVE 20G (IQ design)
SCALE	FREE	SIZE	2.0M
UNIT	mm	DESIGNER	R.SUZUKI
SIZE	A4	ENG APPR.	N.YOKOTA
DRAWN	R.SUZUKI	DRAWING No.	DC-010624
DESIGNER	N.YOKOTA	REV.	0.0
ENG APPR.	T.TAKAHASHI	SHEET	1 / 2

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A

A

B

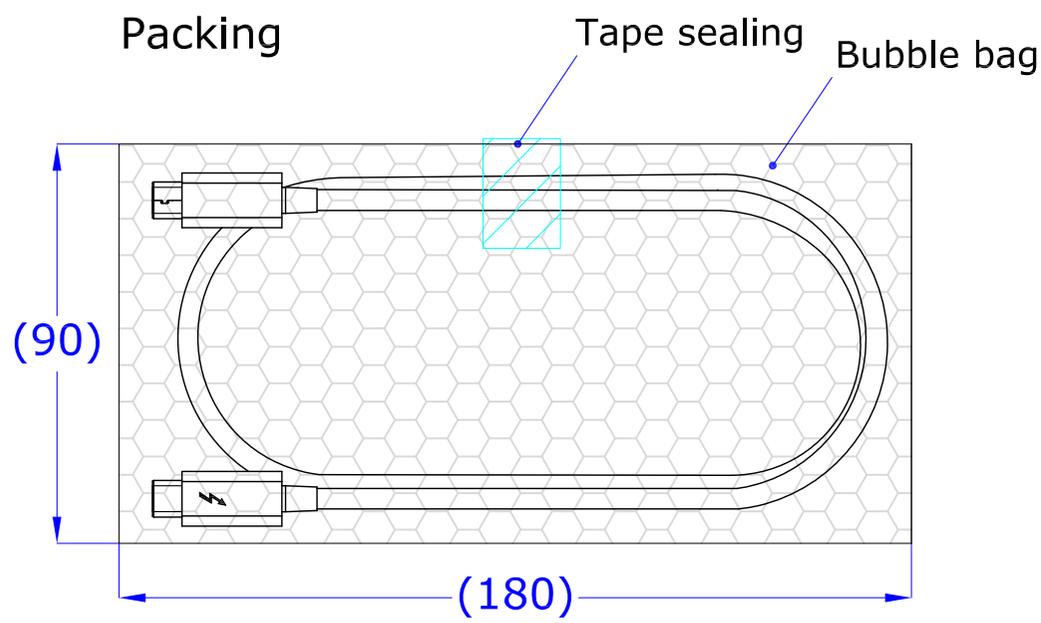
B

C

C

D

D



USER		
PRODUCTION No.		
NAME	THUNDERBOLT3 PASSIVE 20G (IQ design)	
SIZE	2.0M	
DRAWING No.	DC-010624	REV. 0.0
		SHEET
◆ Sumitomo (SEI) Electronic Wire, Inc.		2 / 2