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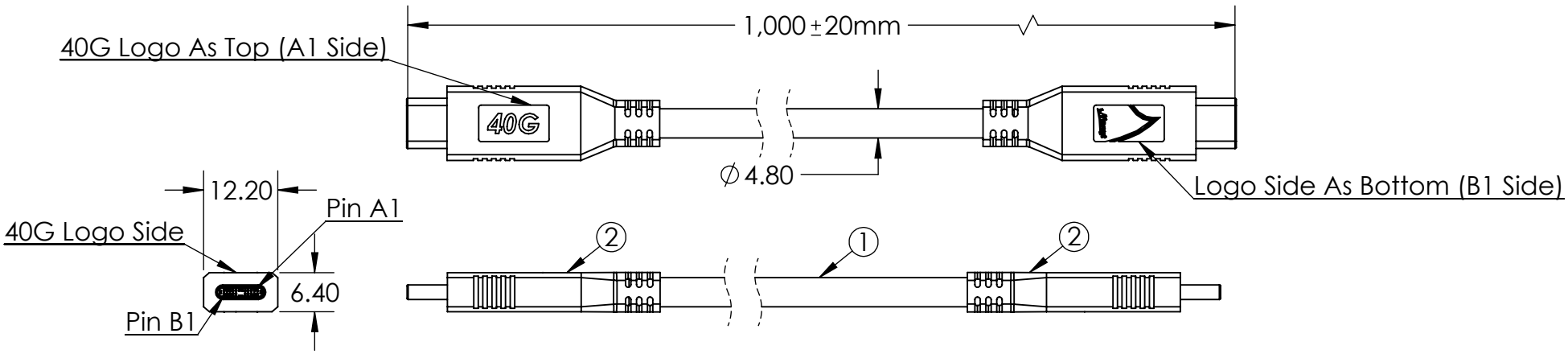
COMPANY NAME	CUSTOMER SIGNATURE	DATE

COMMENTS:



WIRING STRUCTURE					
USB Type-C Plug #1		WIRE		USB Type-C Plug #2	
PIN	SIGNAL	Wire Number	SIGNAL	PIN	SIGNAL
A1, B1, A12, B12	GND	1	GND_PWR	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

Note:
1. Cable: USB4, Black, TPE.
2. USB-C Gold Plated Male Plug, Black Overmold.
3. Power Delivery: PD 3.1 E-marker support EPR up to 240W (48V/5A)
4. Package: 1 Piece + Bag
5. **USB TID:** 9193
6. **Display:** Support 2x 4K displays or 1x 8K display via DisplayPort Alt-mode
7. **Compatibility:** Backward compatible with USB 3.2, USB 2.0/1.1, and Thunderbolt
8. **Electrical Test:** 100% Short, Open, Miswire and physical dimension test.
9. **Environmental:** VW-1 Flammability RoHS, REACH Compliant

Newnex Technology Corp.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:
FRACTIONS ± NA DECIMALS .X± 0.5 .XX± 0.25 .XXX± 0.125 ANGLES ± 0.5°

PROJ
SCALE: 1:1
REV. 1
DATE: 4/24/2023
TITLE: USB4 40Gbps, C Male to C Male, 1m, EPR.
DRAWN BY: XW
APPROVED BY:
PART NUMBER: U4T1C01C01P010
CHECKED BY: HX
SHEET 1 OF 1
REVISION COMMENTS: Drawing generated