

1

2

3

4

5

P1

1000±50

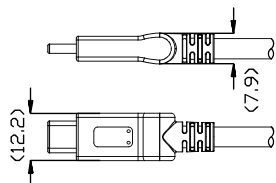
P2

A1
B12
A12
B1

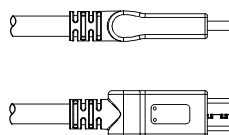
6.55Min

(35.5)

USB C PLUG

A1
B12
A12
B1

USB C PLUG



TECHNICAL CHARACTERISTICS

MATERIAL
 FLAMMABILITY RATING: UL94-V0
 COLOR: BLACK
 CONTACT MATERIAL: BRONZE
 CONTACT PLATING: GOLD
 QUALITY CLASS: 1 500 MATING CYCLES

ELECTRICAL
 CONTACT RESISTANCE: 5 Ω MAX

MECHANICAL
 INSERTION FORCE: 35.0N MAX
 EXTRACTION FORCE: 10.0N MIN

PACKAGING
 BAG

P1 USB 3.1 C MALE			P2 USB 3.1 C MALE	
PIN	SIGNAL NAME	WIRE COLOR	PIN	SIGNAL NAME
A1,B1, A12,B12	GND	BLACK	A1,B1, A12,B12	GND
A4,B4, A9,B9	VBUS	RED	A4,B4, A9,B9	VBUS
A5	CC	BLUE	A5	CC
B5	VCONN	-	B5	VCONN
A6	Dp1	WHITE	A6	Dp1
A7	Dn1	GREEN	A7	Dn1
A2	SSTXp1	ORANGE	B11	SSRXp1
A3	SSTXn1	BROWN	B10	SSRXn1
B11	SSRXp1	BLUE	A2	SSTXp1
B10	SSRXn1	BLACK	A3	SSTXn1
B2	SSTXp2	WHITE	A11	SSRXp2
B3	SSTXn2	RED	A10	SSRXn2
A11	SSRXp2	YELLOW	B2	SSTXp2
A10	SSRXn2	GREEN	B3	SSTXn2
A8	SBU1	RED	B8	SBU2
B8	SBU2	BLACK	A8	SBU1
SHELL	SHIELD	BRAID	SHELL	SHIELD

RoHS Compliant

PROJECTION:



GENERAL TOLERANCE

.X = +/- 0.2

.XX = +/- 0.15



APPROVAL: NPr

UNIT: MM

DESCRIPTION: CABLE USB 3.1 C MALE TO USB 3.1 C MALE

SIZE

SCALE:

WERI PART NO: 632 910 731 731

A4

SHEET: 1/2

DRAW: AK

G

F

E

D

C

B

A

REV

18-JUN-15

PDF

AK

DATE

FILE

BY

1

2

3

4

5

Cautions and Warnings:

This electronic component is designed and developed with the intention for use in general electronics equipments.

Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body, Würth Elektronik must be asked for a written approval.

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

A

B

C

RoHS Compliant

G				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		
F							
E							
D							
C				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE A4
B					SCALE:		
A	10-SEP-14	PDF	QL		SHEET: 2/2	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		

D

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