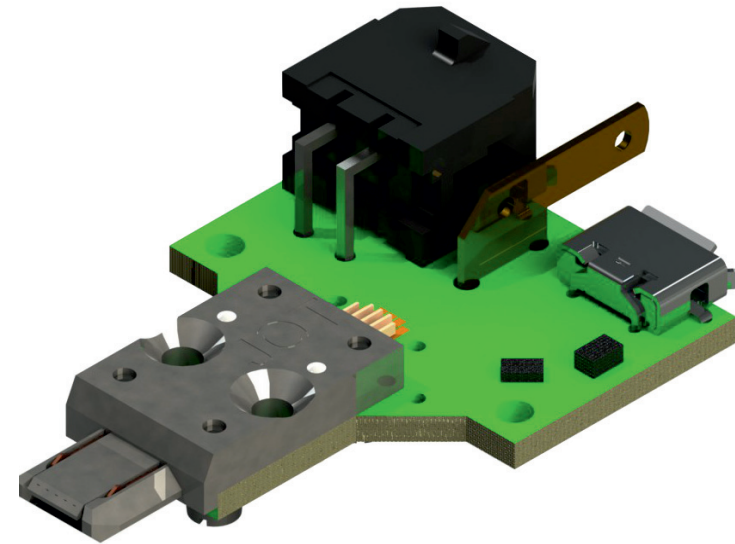


High Current (4A) Micro-AB USB 2.0 Connector

MA006031

- High quality Micro-AB USB 2.0 connector between DUT (Device Under Test) and Test System
- Cutting-edge reliable, durable and high-accurate solution to replace commercial cables and connectors
- Applicable with all mobile device types with Micro-AB USB
- Durability for high volume production testing
- High Current 4A supply for DUT
- Optimized for using with JOT G3 and JOT M10 test platforms



USE CASES

USB interface testing of mobile devices, like smartphones, tablets, wearables, media players, digital cameras, handheld navigators, payment terminals, and other portable devices.

Applicable for testing with high current up to A4 in high volume production, R&D laboratories service centers and test laboratories.

TECHNICAL CHARACTERISTICS

Dimensions: 42.05*29*11.95 mm
(1.65"*1.14"*0.43")

INTERFACE

Micro-B plug and micro-AB receptacle
ESD GND tab 2.8x0.51 mm

High current connector J7 43045-0400:
J7/Pin 1 = GND
J7/Pin 2 = VBUS
J7/Pin 3 = Sense-
J7/Pin 4 = Sense+

INSTALLATION REQUIREMENTS

M2 countersunk screws,
positioning pins diameter 1mm

CONTACT INFO

sales@bluelec.com

TECHNICAL DETAILS

Product is designed to meet electrical, mechanical and environmental performance requirements of USB 2.0

Environments

Temperature	from 0 °C to +60 °C
Relative humidity	from 15% to 95% non-condensing

Specification

Electrical

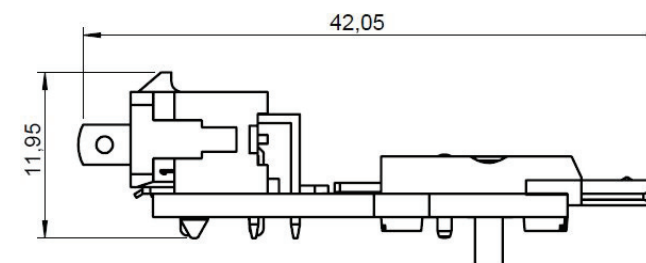
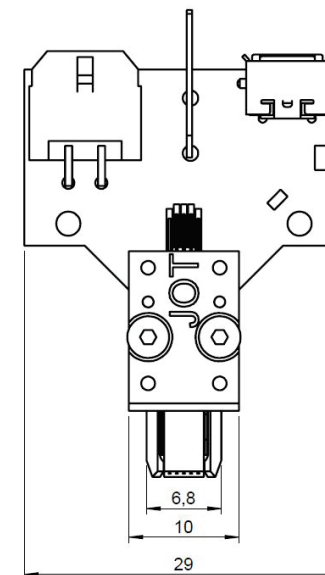
PWB data lines differential impedance	90 ohm
Rated voltage (max.)	30V AC (rms)
Standard Micro-USB connector:	
Rated current (max.) power (pins 1,5)	1.8 A
Rated current (max.) signal (pins 2,3,4)	1.0 A
Rated current (max.) power (pins 1,2)	1.0 A
High current J7 connector:	
Rated current (max.) power (pins 1,2)	4.0 A

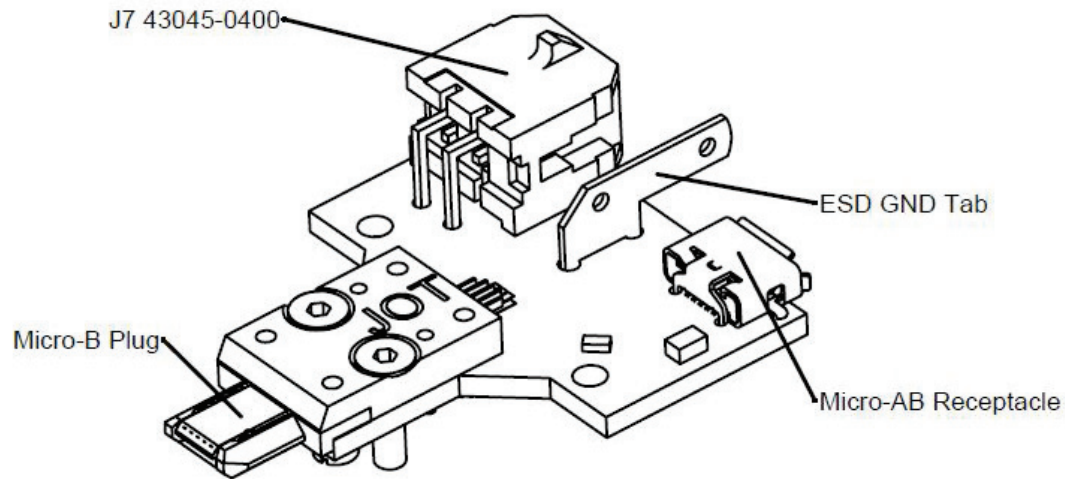
Mechanical

Durability	50000 (typical)
Mating force (max.)	35 N
Un-mating force (max.)	25 N

RoHS compliant

Lead free





SHIELD		
5	5	≡ USB_GND
4	4	≡ USB_ID
3	3	≡ USB_D+
2	2	≡ USB_D-
1	1	≡ USB_VCC
X1		

