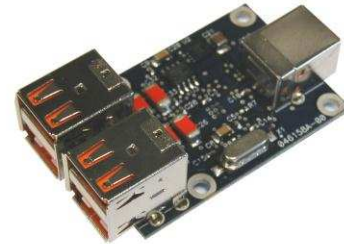**B&B ELECTRONICS**

PRODUCT INFORMATION

USBHUB4OEM
4 Port USB Hub – OEM Module

✓ **High Retention USB Connectors**

✓ **ESD Protection – 8 kV Contact, 15 kV Air**

✓ **-40 to 80°C Operating Temperature**

✓ **Powered from USB Host**

✓ **USB 2.0**

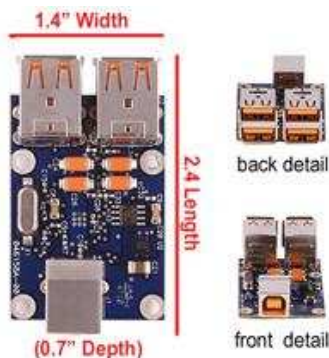✓ **Installs as an un-branded USB Hub**

The USBHUB4OEM is a four port high speed, USB hub intended for OEM applications where space is at a premium and external packaging is not required.

High ESD protection makes them suitable for use in electrically harsh environments. Full speed (480 Mbps) USB 2.0 support allows connectivity with modern computer technology. High retention USB ports on the upstream and downstream sides allow you to use standard off the shelf USB cables while being confident that they will not come loose during operation.

When installed in your system, the USBHUB4OEM appears as an unbranded USB hub.

It is available as a single unit for prototype work or in convenient 12 piece packages for production orders.

Specifications

USB Technology	
USB Compatibility	1.1 and 2.0
Speed	1.5, 12, and 480 Mbps
Connectors	Type A & B High Retention (15 N / 3.4 lbs-force withdrawal)
Power	
Source	5 VDC from USB Host
Power Consumption	2.5 Watts Maximum
Downstream Power	Provides 100 mA per port to power downstream USB devices
Mechanical	
Dimensions	1.4 x 2.4x 0.7 in (35.6 x 51 x 18 mm)
Weight	0.8 oz (22.7 g)
MTBF	552,747
MTBF Calc. Method	MIL 217F Parts Count Reliability
Environmental	
Operating Temperature	-40 to 80°C
Storage Temperature	-40 to 85°C
Operating Humidity	0 to 95% Non-condensing
Approvals / Certifications	
Emissions	FCC Class B, CISPR Class B (EN55022)
CE	
EN61000-6-1:2007	(Light Industrial)
EN61000-4-2:2008	(ESD) +/-8kV Contact, +/-15kV Air (To Connector Shells)
EN61000-4-3:2006	(RI) 10V/m, 80-1000MHz; 3V/m, 1.3 to 2.7 GHz
EN61000-4-4:2004	(EFT Burst) +/- 500V signal ports
EN61000-4-6:2005	(CI) 3Vrms, 0.15 to 80 MHz

Ordering Information

USBHUB4OEM	4 Port OEM Hub
USBHUB4OEM-12PK	4 Port OEM Hub, 12 Pack

1.4" Width

2.4 Length

(0.7" Depth)

back detail

front detail