



MUSB, MUSBR, UUSB SERIES

MINI & MICRO USB 2.0 INTERFACES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MUSB or www.samtec.com?MUSBR

Insulator Material: High Temperature Thermoplastic
Contact Material: Phosphor Bronze
Shell Material: Brass
Plating: Gold on Mating Area, Nickel on Shell, Tin on Tails
Operating Temp Range: -50°C to +85°C
Current Rating: 1A per contact
Voltage Rating: 30 VRMS
Contact Resistance: 50 mΩ max
Minimum Cycles: 1500
Packaging: Packaged and shipped in Bulk Packaging Trays; Trays suitable for automation are available upon request.
RoHS Compliant: Yes
Lead-Free Solderable: Yes

TYPE	NO. OF CONTACTS	PLATING	COLOR	TYPE	SM	A
MUSB = Mini USB 2.0	-05	-F = Gold Flash on Mating Area, Tin on Tails -S = 30μ" (0,76μm) Gold on Mating Area, Tin on Tails	-O = Orange - = Leave blank for MUSB	-B = B Type (MUSB & MUSBR) -AB = AB Type (MUSB only) -A = A Type (MUSBR only)		

ALSO AVAILABLE
Mini USB-A Type. Call Samtec.

High retention option

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?UUSB

Insulator Material: Black LCP
Contact Material: Phosphor Copper
Plating: Au over 50μ" (1,27μm) Ni
Shield Plating: Sn over 50μ" (1,27μm) Ni
Operating Temp Range: -30°C to +80°C
Current Rating: 1A (pin 2, 3, 4) per signal contact, 1.8A (pin 1, 5) per power contact
Voltage Rating: 100 VAC
Contact Resistance: 50 mΩ max
Cycles: 10,000
RoHS Compliant: Yes

UUSB	TYPE	S	PLATING	TERMINATION	TR
UUSB = Micro USB 2.0	-AB = Micro AB -B = Micro B		-F = Gold Flash on Mating Area and Tails -S = 30μ" (0,76 μm) Gold on Mating Area, Gold Flash on Tails	-SM = Surface Mount	-TR = Tape & Reel

Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM

SAMTEC USA • Tel: 1-800-SAMTEC-9 or 812-944-6733 SAMTEC SILICON VALLEY • Tel: 408-395-5900 SAMTEC SOUTHERN CALIFORNIA • Tel: 1-800-726-8329
 SAMTEC AMERICA LATINA COMERCIO EXTERIOR LTDA • Tel: (+55 31) 3786 3227 SAMTEC UNITED KINGDOM • Tel: 44 01236 739292 SAMTEC GERMANY • Tel: +49 (0) 89 / 89460-0
 SAMTEC FRANCE • Tel: 33 01 60 95 06 60 SAMTEC ITALY • Tel: 39 039 6890337 SAMTEC NORDIC/BALTIC • Tel: +46-84477280 SAMTEC BENELUX • Tel: 44 01236 739292 SAMTEC ISRAEL • Tel: 972-3-7526600
 SAMTEC INDIA • Tel: +91-80-3272 1612 SAMTEC ASIA PACIFIC • Tel: 65 6745-5955 SAMTEC JAPAN • Tel: 045-475-1385 SAMTEC CHINA • Tel: 86-21-61103766 SAMTEC TAIWAN • Tel: 886-2-2735-6109
 Downloaded from Elcodis.com SAMTEC HONG KONG • Tel: 852-26009858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9512 7747 SAMTEC SOUTH AFRICA • Tel: 27 11 452 8112