



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.

-A TYPE (9,90) .390
-AB TYPE (9,90) .390
-B TYPE (9,90) .390, (4,40) .173, (5,45) .215, (4,00) .157, (0,80) .031 DIA

RUGGEDIZED by 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

-AB TYPE (7,50) .295, (5,58) .220, (5,00) .197, (8,80) .346, (4,00) .157, (0,45) .018 DIA
-B TYPE (7,50) .295, (5,00) .197, (5,63) .221, (8,00) .315, (2,95) .116, (2,35) .093, (0,60) .024

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 electro SAMTEC HONG KONG • Tel: 852 2600 9858 SAMTEC KOREA • Tel: 82-31-717-5685 SAMTEC ANZ • Tel: 613 9512 7747 SAMTEC SOUTH AFRICA • Tel: 27 11 452 8112