



USB3-A-S-S-TH



USB3-A, USB3-B SERIES

USB 3.0 INTERFACES

USB3-A Mates with:
USBC3-AM

USB3-B Mates with:
USBC3-BM

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?USB3-A or www.samtec.com?USB3-B

Insulator Material:

Nylon 6T Blue

Contact Material:

Phosphor Copper

Plating:

Au or Sn over 50μ" (1,27μm) Ni

Shield Plating:

50μ" (1,27μm) Ni

Front Shield:

Phosphor Copper

Back Shield:

Brass

Operating Temp Range:

-50°C to +85°C

Current Rating:

1.8 A per power (VBUS)

contact and ground contact,

0.25A per other contact

Voltage Rating:

100 VAC

Contact Resistance:

30 mΩ max power and ground,

50 mΩ max for other contact

Minimum Cycles:

5000

RoHS Compliant:

Yes

USB3

A

S

PLATING

TERMINATION

—F

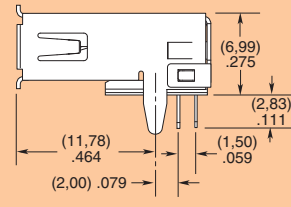
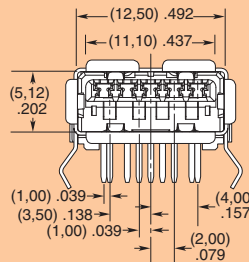
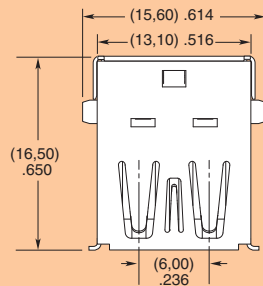
= Gold Flash on Mating Area, Matte Tin on Tails

—S

= 30μ" (0,76μm) Gold on Mating Area, Matte Tin on Tails

—TH

= Through-hole



USB3

B

S

PLATING

TERMINATION

—F

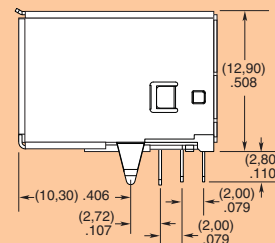
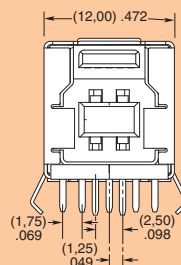
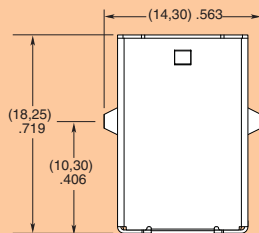
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Due to technical progress, all designs, specifications and components are subject to change without notice.

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