



GENERAL DESCRIPTION

The 9157 series was specifically designed for portable equipment.

AVX now offers this two-part system as a standard product. The fixed SMT socket is designed to be housed within the confined dimensional constraints of the portable device.

The plug/cover connector has sprung contacts and is designed for termination to accessory equipment. The connector is designed to house fifteen signal contacts on a 1mm pitch rated at 1.5A. There is the option to include a switching RF coax.

A cradle SMT plug connector for docking applications is also available as standard and has the option of including a SMT RF coax.

Whatever your requirements, the 9157 series can also be customized to suit your application.

APPLICATIONS

Suitable applications include:

- Mobile Phones
- PDA
- Medical
- Docking/Charging for any portable device

KEY FEATURES AND BENEFITS

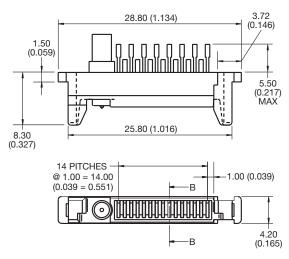
- Patented 20° angled face on the socket gives self-cleaning face when mated with plug.
- Metal Latching area integral to socket which saves PCB real estate.
- Integral to socket is a mechanical 50Ω switching coax for SMT termination.
- Single sprung plug contact design gives ten thousand mating cycles and cleaning/wiping action.
- Customer has option to terminate own RF coax using AVX custom tooling: 06-9157-7116-01-000.
- SMT plug has unique location pyramids that give positive alignment to portable device, and assist blind mating.
- RoHS Compliant.



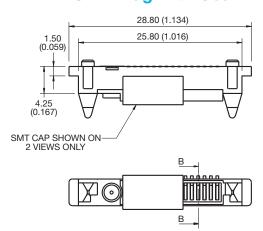
RoHS

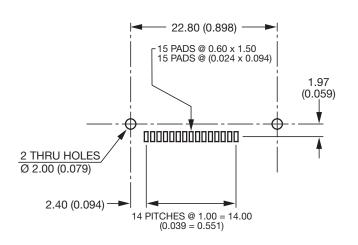


Plug Wire with Coax



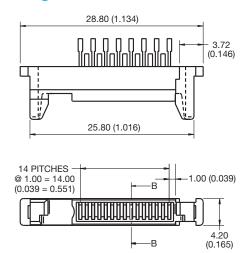
SMT Plug with Coax



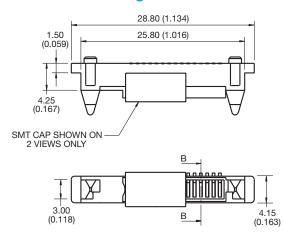


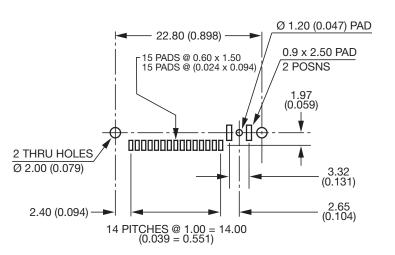
SUGGESTED PCB LAYOUT

Plug Wire without Coax



SMT Plug without Coax



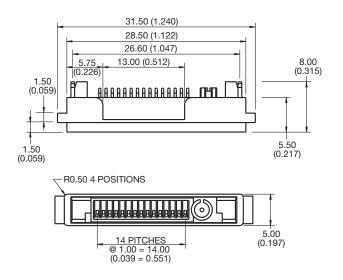


SUGGESTED PCB LAYOUT

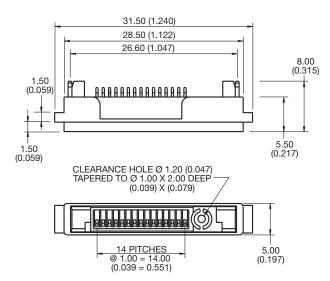




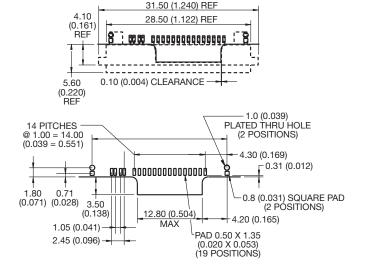
SMT Socket with Coax

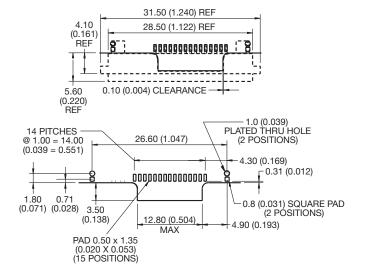


SMT Socket without Coax



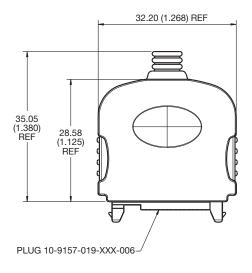
SMT PAD LAYOUT

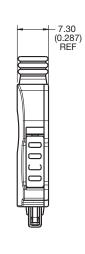






Cover Kit



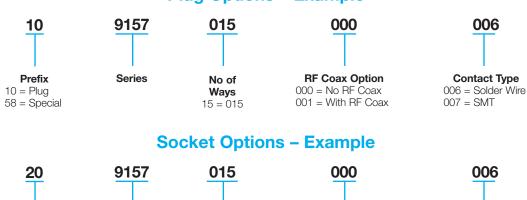


Contact Type

006 = SMT

HOW TO ORDER

Plug Options - Example



Cover Options – Example * Parts supplied in kit form

No of

Ways

15 = 015

RF Coax Option

000 = No RF Coax

001 = With RF Coax



Patent: 2276285 5540599

Note: Application tooling to terminate coax cable 06-9157-7116-01-000.

Prefix

20 = Socket

58 = Special

Series

