

SAM circular audio miniature Connectors (VG95351 STYLE)

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General description

SAM designates connectors with 7 and 10 contacts for mobile communication technique. Special features in addition to the rugged construction are the scoop-proof spring-loaded contact and optimum shielding. Furthermore the connectors are sealed even when not mated. SAM-connectors are small, light and extremely reliable. They are manufactured according to VG95351 and VG96934.

Housing material and plating

Stainless steel with black chromium plating

Insert material and plating

Polyamide, glass filled (-55°C to +85°C)

Contact material and plating

Copper alloy with gold-plating.

Contact types

Solder pot or dip solder

IP class

4m water / 2 hours

Contact lay-out

Over 2 lay-outs are available from 7 or 10 contacts.

Accessories

Accessories like protection cap, shielding gasket, shielding ring are available.

Electrical characteristics

Number of contacts	Current rating	Test voltage VAC	Insulation resistance
7 or 10	Max. 500mA Min. 30µA	500V eff, 50Hz	Min.5000mΩ at 25°C

Mechanical characteristics

Temperature range	Durability	Wire size
-55°C to +85°C	5000 cycles	AWG 20 0.52 mm ²