SMC™ Adapter V23867-Z9999-W9xx

Features

- Single-mode and multimode applications
- 1-to-1/12-to-12 coding
- Optional metal EMI shield with small cutout/retaining clip
- Snap-in and/or screw mounting
- Both adapter halfs riveted or welded
- Design allows adapter stackability

Description

The SMC adapter is part of the SMC optical connector family. It serves to connect mechanically two SMC connector plugs with up to 12 fibers applied for a variety of state-of-the-art and future optical network technologies.

Work is in progress to define a fiber optical connector intermateability standard (FOCIS, ref. no. SP-4834, to be TIA/EIA-604-14).

Part Number	Comments
V23867-Z9999-W9xx	Options on request

Technical Data

Parameter	Symbol	Limit Values			Unit
		min.	typ.	max.	
Attenuation (connector to connector)			≤ 0.15	0.75	dB
Durability/Matings				1000	times
Repeatability			≤ 0.2		dB
Latch Retention Force (coupling strength)			80		N
EMI Effective Cutout			7.5 x 3.5		mm
Operating Temperature		–40		+85	°C
Storage/Shipping Temperature		–40		+85	
Flammability Class		UL 94 V-0			
Physical Dimensions		see **Figure 1**			
Color		black or beige			

Materials

Part	Material
Housing	PPS
Retaining Clip	Stainless Steel
Rivet	DIN 7340 B3x0.25x4-Ms/nickel-plated

Application Notes

- SMC connector-adapter-connector configurations compliant to Bellcore GR-1435-CORE, IEC 60874-1 and EIA/TIA-455 FOTP requirements
- Reliable multiple-link and high-bandwidth in-rack, rack-to-rack and patch applications
- Small interface for direct attach harness, fan-out routing and trunk cable connections

Dimensions

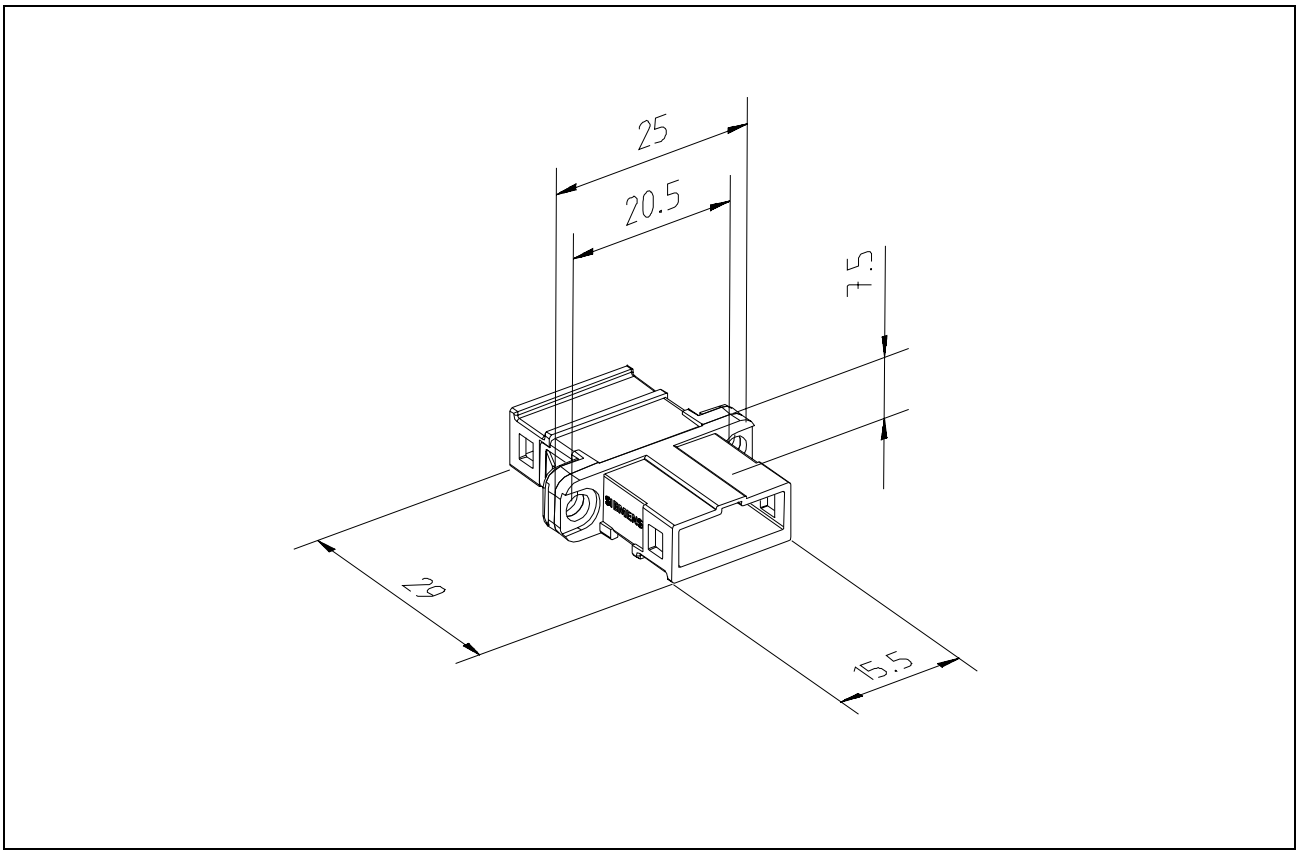

Figure 1

V23867-Z9999-W9xx

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Previous Version:

Page	Subjects (major changes since last revision)
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