

LuxCis® ARINC801 contact for SM APC fiber C0.9mm



SERIES LUXCIS PAGE 1/1 ISSUE 04/24/13 PART NUMBER **F725050118** 1,04 max. 26,40 max. 0,199 The Co 0,197 0,570 ±0,01 5,05 14,48 ±0,25 5,01 0,134 0,130 0,053 0,080 0.04923 0,079 0,04911 0,052 0,108 max. $\phi_{3,3}^{3,4}$ $\phi_{2,00}^{2,02}$ 1,2505 1,35 Protective cap \emptyset 2,75 max. Dimensions: mm [inches]

GENERAL

Type: LuxCis® ARINC 801 fiber optic contact

Monokey contact for 900µm cable

APC Single Mode Zirconia ferrule Ø1.25mm

Compatible with EPX®-EN4644, NSX-ARINC 600, MIL-DTL-38999, LxC-R® and

other connectors.

Ferrule inner diameter: Ø125.3µm

Fiber size: 9.3/125µm Single Mode

Buffer size: Ø900µm Max.

Insertion/extraction: Use the tool 282 515 Standard M81969/14-03.

Refer to 503 08 595 Insertion & extraction procedure.

Termination: 503 08 770 Termination & polishing procedure.

CHARACTERISTICS (Dependent on cable or fiber construction)

Optical: Insertion loss (IEC 61300-3-4 method B): 0.20 dB mean

0.12 dB Stand.dev.

Return loss (IEC 61300-3-6): >60 dB APC

Mechanical: Endurance: Up to 500 matings depending on

connector Cable retention: 7 N

Environmental: Functional temperature range: -55°C / +125°C

Part	Material	Finish
Body	Copper alloy per SAE-C38500	Electroless nickel per SAE-AMS-QQN 290 - Class 2 - 40 to 120 μin
Ferrule	Zirconia (ZrO2)	N/A
Ferrule holder	Copper alloy per SAE-C38500	Electroless nickel per SAE-AMS-QQN 290 - Class 2 - 40 to 120 μin
Spring	Stainless steel per SAE-AMS5688	N/A
Protective cap	High density polyethylene	N/A

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