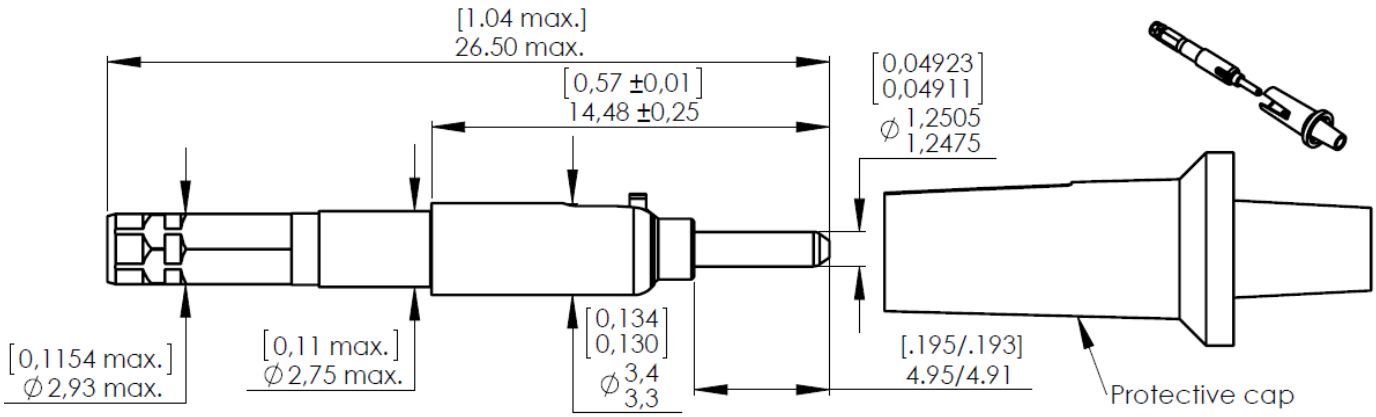
河南三博电子科技有限公司 电话：0371-55365505 传真：0371-86257077 邮箱：sales@hnsanbo.cn 网址：www.hnsanbo.cn

Radiall

Technical Data Sheet

LuxCis® ARINC801 ML contact for MM fiber C1.8mm

PAGE **1/1**	ISSUE **04/24/13**	SERIES **LUXCIS**	PART NUMBER **F725003419**



Dimensions: mm [inches]

GENERAL

Type: LuxCis® ML ARINC801 fiber optic contact
ML: Monokey contact for Loose structure cable
PC Multimode Zirconia ferrule Ø1.25mm
Compatible with EPX®-EN4644, NSX-ARINC 600, MIL-DTL-38999, LxC-R® and other connectors.

Ferrule inner diameter: Ø128µm

Fiber size: 50/125 & 62.5/125µm Multimode

Buffer size: Ø900µm Max.

Cable size & type: Ø1.8mm simplex Loose

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) : 0.10 dB mean
0.07 dB Stand.dev
Return loss (IEC 61300-3-6) : >20 dB

Mechanical:
Endurance : Up to 500 matings depending on connector
Cable retention : 68 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
Crimping sleeve	Copper alloy per SAE-C36000	Electroless nickel per SAE-AMS-QQN 290 - Class 2 - 80 to 120 µin
Protective cap	High density polyethylene	N/A

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.

河南三博电子科技有限公司 电话：0371-55365505 传真：0371-86257077 邮箱：sales@hnsanbo.cn 网址：www.hnsanbo.cn