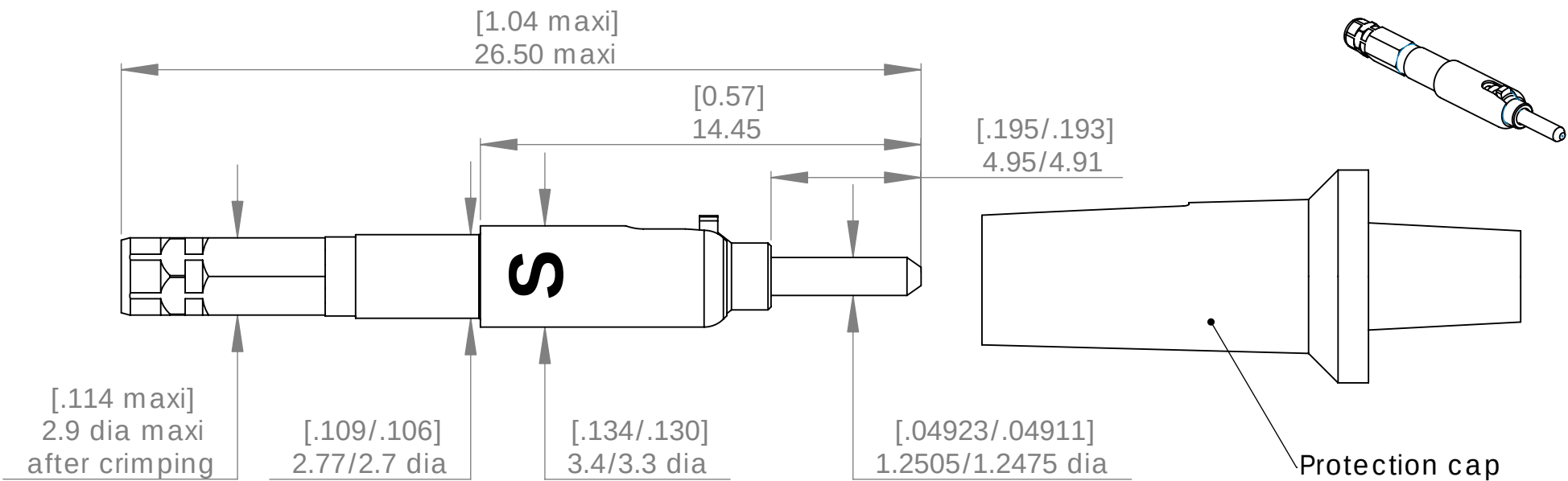




Series LuxCis	SIZE 16 LuxCis ML contact for EPX, ARINC 600 or MIL C 38999 Connector	Issue: May 25,2007	Page 1/1
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GENERAL

TYPE	LuxCis ML contact, ARINC 801 fiber optic termini ML = mono key for loose cable structure Multimode zirconia 1.25mm ceramic ferrule Use with EPX, ARINC 600 or MIL C 38999 Connectors
FERRULE SIZE	128 µm
FIBER SIZE	50 / 125 & 62.5 / 125 µm multimode
COATING DIA.	900 µm Max.
CABLE SIZE & TYPE	Ø 1.8 mm simplex loose
INSERTION/EXTRACTION	Use the tool 282 515 Standard M81969/14-01

CHARACTERISTICS (Dependant on fiber or cable construction)

OPTICAL	Attenuation at 850 nm and 1310 nm.				
	Attenuation contact mated with reference LC plug : IEC 61300-3-4 Method B				
	<table><tr><td>Mean</td><td>0.10 dB</td></tr><tr><td>Standard deviation</td><td>0.07 dB</td></tr></table>	Mean	0.10 dB	Standard deviation	0.07 dB
Mean	0.10 dB				
Standard deviation	0.07 dB				
	Return Loss. Maximum loss variation : IEC 61300-3-6				
	<table><tr><td>RL</td><td>> 20dB</td></tr></table>	RL	> 20dB		
RL	> 20dB				
MECHANICAL	Mechanical endurance 200 matings Cable retention 68 N				
ENVIRONMENTAL	Functional temperature range -55°C to +125°C				
CABLING Instruction	Refer to 503.08.550 assembly instruction manual				

Materials and finishes:

- Ferule: Zirconia (ZrO2)
- Ferule holder: Copper alloy per SAE-C38500
electrolytic nickel per SAE-AMS-QQN 290 - Class 2 - 40 to 120 Œinches
- Body contact: Copper alloy per SAE-C38500
electrolytic nickel per SAE-AMS-QQN 290 - Class 2 - 40 to 120 Œinches
- Crimping sleeve: Copper alloy per SAE-C36000
electrolytic nickel per SAE-AMS-QQN 290 - Class 2 - 80 to 120 Œinches
- Spring: Stainless steel per SAE-AMS5688
- Protection cap : Silicone (polydimethyl - siloxane)

DIMENSIONS : mm (inch) -



CREATION PEN: NA: EPF 0203-3 NOM: Mannevy. DATE: 01/14/04 APPR.: Marie.	May 25,07	Add Insertion/extraction tool, Change LuxCis cap	P C	S G
	12/16/05	Add "Cage Code" and marking "S"	Mannevy	Marie
	10/18/05	80 to 120 => 40 to 120 Œinches for ferrule holder	Mannevy	Marie
	02/21/05	Put in correspondence characteristic with catalog	Mannevy	Marie
	09/28/04	Update protection thickness	Mannevy	Marie
	04/20/04	Change cabling instruction	Philippeau	Mannevy
	03/02/04	Change cabling instruction 50308560=>50308550	Mannevy	Marie
	Issue	Revisions	Name	Approved

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This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary.

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