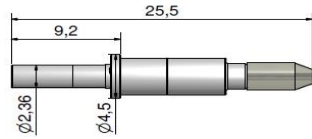
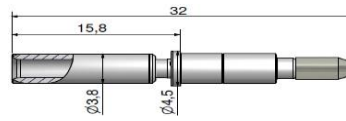


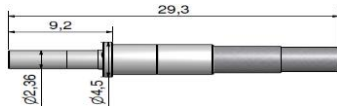
Expanded Beam Contact
#12 for MIL-C-38999 Shells



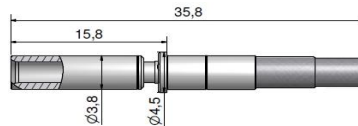
male - buffered



female - buffered fiber



male - cable type



female - cable type



All dimensions are in mm; tolerances acc. ISO 2768 m-H

Properties

Optical contact in expanded beam technology for use in circular shells according to MIL-DTL-38999. This contact provides a robust fiber optic interconnection with low susceptibility for contamination. It is designed as a rear release type for standard cavities #12. The contact is installed and removed with the standard tool for #12 contacts. It fits to a variety of cable types with diameters from 0.9 to 2.2 mm. Additional versions are available on request.

Interface

EBC#12 according to MIL-C-38999

Material for connectors

Ferrules: Ø2.36 mm Zirconia ceramic
Alignment sleeve: stainless steel
Connector Body: ARCAP

Optical data

IL : max. 1.5 dB

Mechanical data

Mating cycles 500

Environmental data

Operation temperature range: -40°C~+85°C (depending on Cable type)

Suitable cables

O.D. Ø0.9 ~ 2.2 mm

Part numbers

	Pin Contact	Socket Contact
Buffer Ø 0.9 mm multimode	98 PLS 130-101	98 PLK 130-101
Cable Ø 2.2 mm multimode	98 PLS 130-103	98 PLK 130-103
Insertion tool	98 W 12-S12/100	
Removal tool	98 W 12-S12/100	

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Packaging

Standard Packaging.

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Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Y.Zhang	09.02.2017	H.Jungbäck	09.02.2017	009	---	Y.Zhang	09.02.2017