Z

ØS

VV Thread

Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

-Standard : Based on MIL-DTL-38999 Series III

-Shell Material   : Composite

-Shell Plating   : Without Plating

-Insulator   : Thermoplastic

-Contacts   : Copper Alloy

-Seals & Grommet   : Silicon Elastomer

-Contact Plating   : Gold over copper Alloy 0.8μm minimum

-Durability   : 500 Mating cycles

-Delivered without Souriau contacts

-Temperature Range   : -65°C to +175°C

-Salt Spray   : 2000 hours

-Mass   : 8.1 g ± 10%

Connector dimension	
Dim	**Nominal**
ØS	21.8 Max
Z	31 Max
VV THREAD	M12x1-6g

SOURIAU shall not be liable for any non-conformity or damage
due to a use of the Products which does not comply with
the Specifications issued by either of the Parties or by a third party
(professional recommendation, technical notice.)

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D509X98PBL

A	15-10-2016	First Release		
ISS	DATE	Latest modification - by		MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE	Composite Plug 8D series

SCALE

NA

General linear
Tolerances:
±--

NPRDS / PROJECT

859

SOURIAU   WWW.SOURIAU.COM

BASIC SERIES: 8D   5   -   09   X   98   P   B   L

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 09

PLATING   :   X   =   Without Plating

Delivered W/O Contacts

ORIENTATION : B

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 09-98

FORMAT	SOURIAU DRG N°	SHEET
A3	8D509X98PBL-C	1/2

Contact Layout

Contacts (Insert arrangement 9-98)		
Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)
A	+.065 (1.65)	+.038 (0.97)
B	+.000 (0.00)	-.075 (1.91)
C	-.065 (1.65)	+.038 (0.97)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
9	-98	3	20	I	All	MS20049-98

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SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	**859**

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D509X98PBL-C	2/2