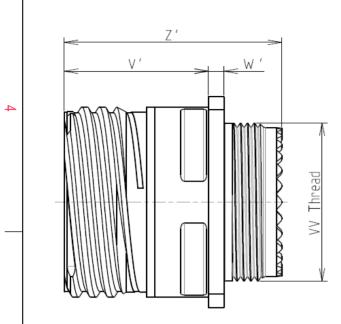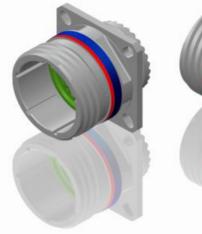Z'
V'
W'
VV Thread

S
R1
R2
P
PP

LAYOUT SHOWN AS EXAMPLE

Keying Shown as example
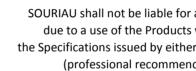
CHARACTERISTICS

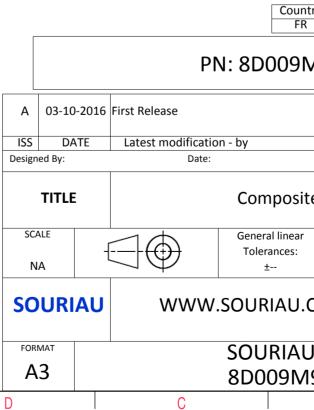-Standard : Based on MIL-DTL-38999 Series III

-Shell Material   : Composite

-Shell Plating   : Nickel

-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 +200°C

-Salt Spray   : 2000 hours

-Mass   : 7.4 g ± 10%

Connector dimension	
Dim	Nominal
P	3.25±0.2
PP	5.49±0.2
R1	18.26
R2	15.09
S	23.8±0.3
V'	19.5+1.4/-0
W'	2.1/3.65
Z'	32 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: 8D009M98PDL

A	03-10-2016	First Release		
ISS	DATE	Latest modification - by		MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE   Composite Receptacle 8D series

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

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BASIC SERIES:	8D	0	-	09	M	98	P	D	L

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 09

PLATING   : M = Nickel

Delivered W/O Contacts

ORIENTATION : D

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 09-98

FORMAT   SOURIAU DRG N°   SHEET

A3   8D009M98PDL-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

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE 0)
REAR MOUNTING

SQUARE FLANGE RECEPTACLE (TYPE 0)
FRONT MOUNTING

Dim	Nominal
ØA	16.66 min
ØAA	13.11 min
R1	18.26
ØT	3.25 ±0.13

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NA   ±--   **859**

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FORMAT   SOURIAU DRG N°   SHEET

A3   8D009M98PDL-C   2/2