Z'

ØS

VV Thread

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   : 11.9 g ± 10%

Connector dimension	
Dim	**Nominal**
ØS	25 Max
Z'	31.5 Max
VV THREAD	M15x1-6g

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D511M05PNL

A	16-10-2016	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

BASIC SERIES: 8D 5 - 11 M 05 P N L

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 11

PLATING   : M = Nickel

Delivered W/O Contacts

ORIENTATION : N

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 11-05

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FORMAT

A3

SOURIAU DRG N°
8D511M05PNL-C

SHEET

1/2

Contact Layout
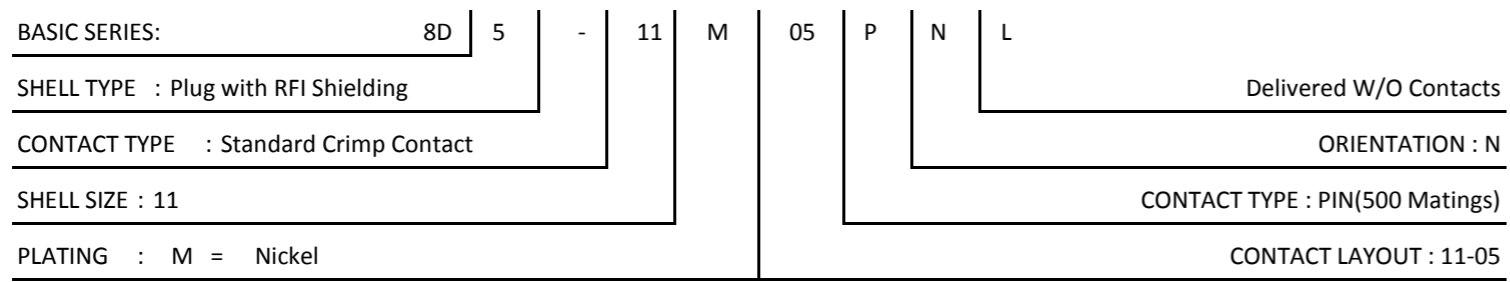
Contacts (Insert arrangement 11-5)		
Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)
A	+ .065 (1.65)	+ .056 (1.42)
B	+ .113 (2.87)	- .065 (1.65)
C	+ .000 (0.00)	- .130 (3.30)
D	- .113 (2.87)	- .065 (1.65)
E	- .065 (1.65)	+ .056 (1.42)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
11	-5	5	20	I	All	MS20050-5

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: 8D511M05PNL

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TITLE	Composite Plug 8D series

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

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D511M05PNL-C	2/2