



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 : 30.8 g ± 10%

Connector dimension	
Dim	Nominal
ØS	41.7 Max
Z'	31.5 Max
VV THREAD	M31x1-6g

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: 8D521M11PCL**

A	07-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>

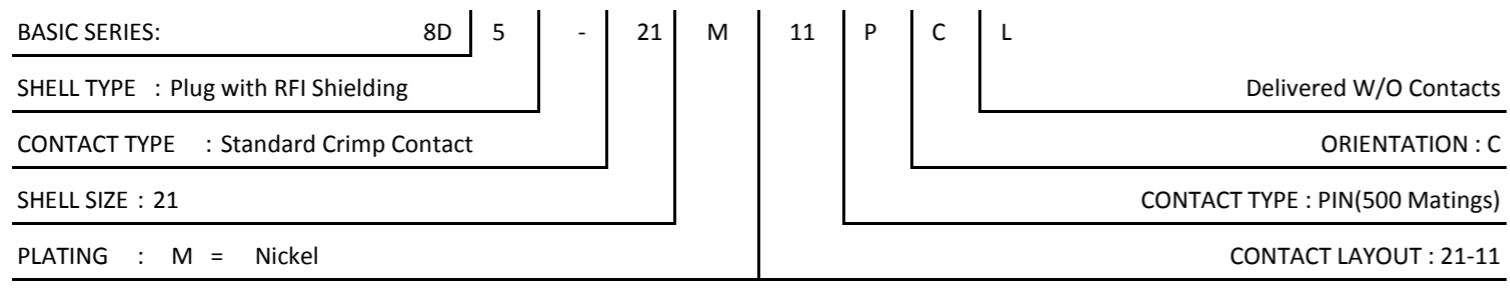
**TITLE** Composite Plug 8D series

SCALE		General linear Tolerances: ±--	NPRDS / PROJECT
NA			<b>859</b>

**SOURIAU** WWW.SOURIAU.COM

This document is the property of SOURIAU it must not be reproduced or communicated without permission

FORMAT	<b>SOURIAU DRG N° 8D521M11PCL-C</b>		SHEET
<b>A3</b>			<b>1/2</b>



4

3

2

1

4

3

2

1

H G F E D C B A

H G F E D C B A

Contact Layout



Contacts (Insert arrangement 21-11)					
Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+121 (3.07)	+332 (8.43)	G	-348 (8.84)	-061 (1.55)
B	+306 (7.77)	+177 (4.50)	H	-306 (7.77)	+177 (4.50)
C	+348 (8.84)	-061 (1.55)	J	-121 (3.07)	+332 (8.43)
D	+227 (5.77)	-270 (6.86)	K	+000 (0.00)	+123 (3.12)
E	+000 (0.00)	-353 (8.97)	L	+000 (0.00)	-115 (2.92)
F	-227 (5.77)	-270 (6.86)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
21	-11	11	12	I	All	MS20055-11

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: 8D521M11PCL

A	07-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°
Designed By:		Date:	<b>CUSTOMER DRAWING</b>
<b>TITLE</b>	<b>Composite Plug 8D series</b>		
SCALE		General linear Tolerances: ±--	NPRDS / PROJECT <b>859</b>
<b>SOURIAU</b>	<b>WWW.SOURIAU.COM</b>		This document is the property of SOURIAU it must not be reproduced or communicated without permission
FORMAT	<b>SOURIAU DRG N° 8D521M11PCL-C</b>		SHEET 2/2