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   : Olive drab Cadmium

-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

Connector dimension	
Dim	**Nominal**
ØS	38.5 Max
Z'	31.5 Max
VV THREAD	M28x1-6g

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: 8D519J28PDL

A	18-10-2016	First Release		
ISS	DATE	Latest modification - by		MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE   Composite Plug 8D series

BASIC SERIES: 8D 5 - 19 J 28 P D L

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 19

PLATING   : J =   Olive drab Cadmium

Delivered W/O Contacts

ORIENTATION : D

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 19-28

SCALE

NA

General linear
Tolerances:
±--

NPRDS / PROJECT

859

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FORMAT

A3

SOURIAU DRG N°
8D519J28PDL-C

SHEET

1/2

Contact Layout
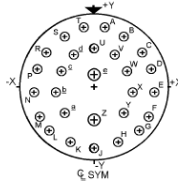
Contacts					
(Insert arrangement 19-28)					
Contact position ID	Contact location		Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+ .066 (1.68)	+ .353 (8.97)	R	- .286 (7.26)	+ .217 (5.51)
B	+ .189 (4.80)	+ .305 (7.75)	S	- .189 (4.80)	+ .305 (7.75)
C	+ .286 (7.26)	+ .217 (5.51)	T	- .066 (1.68)	+ .353 (8.97)
D	+ .345 (8.76)	+ .098 (2.49)	U	+ .000 (0.00)	+ .230 (5.84)
E	+ .357 (9.07)	- .033 (0.84)	V	+ .124 (3.15)	+ .193 (4.90)
F	+ .321 (8.15)	- .160 (4.06)	W	+ .209 (5.31)	+ .095 (2.41)
G	+ .242 (6.15)	- .265 (6.73)	X	+ .228 (5.79)	- .033 (0.84)
H	+ .130 (3.30)	- .335 (8.51)	Y	+ .174 (4.42)	- .151 (3.84)
J	+ .000 (0.00)	- .359 (9.12)	Z	+ .000 (0.00)	- .191 (4.85)
K	- .130 (3.30)	- .335 (8.51)	a	- .174 (4.42)	- .151 (3.84)
L	- .242 (6.15)	- .265 (6.73)	b	- .228 (5.79)	- .033 (0.84)
M	- .321 (8.15)	- .160 (4.06)	c	- .209 (5.31)	+ .095 (2.41)
N	- .357 (9.07)	- .033 (0.84)	d	- .124 (3.15)	+ .193 (4.90)
P	- .345 (8.76)	+ .098 (2.49)	e	+ .000 (0.00)	+ .062 (1.57)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
19	-28	2	16	I	e, Z	MS20054-28
		26	20		All others	

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D519J28PDL

A	18-10-2016	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

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D519J28PDL-C	2/2