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 with Souriau contacts and Accessories

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

-Salt Spray   : 2000 hours

Connector dimension	
Dim	**Nominal**
ØS	38.5 Max
Z	31 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: 8D519X28BB

A	19-10-2016	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   -   19   X   28   B   B

SHELL TYPE : Plug with RFI Shielding

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 19

PLATING   : X =   Without Plating

ORIENTATION : B

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 19-28

FORMAT
A3

SOURIAU DRG N°
8D519X28BB-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: 8D519X28BB

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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	8D519X28BB-C	2/2