R

22.6 Max

W

B
On flat

VV Thread

S

Ø A

Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

CHARACTERISTICS

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

-Shell Material : Aluminium

-Shell Plating   : Black Zinc 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 +175°C

-Salt Spray   : 500 hours

-Mass   : 45.26 g ± 10%

Connector dimension	
Dim	**Nominal**
A	58.7±0.3
B	42.85+0.1/-0.15
R	32.5Max
S	55.6±0.4
W	3+0.9/-0.1
VV THREAD	M37x1-6g

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: 8D725Z19PDL

A	05-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE   Aluminium Receptacle 8D series

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

BASIC SERIES: 8D 7 - 25 Z 19 P D L

SHELL TYPE : Jam nut Receptacle

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 25

PLATING : Z = Black Zinc Nickel

Delivered W/O Contacts

ORIENTATION : D

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 25-19

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FORMAT SOURIAU DRG N° SHEET

A3 8D725Z19PDL-C 1/2

Contact Layout

Contacts
(Insert arrangement 25-19)

Contact position ID	Location		Contact position ID	Location	
	X-axis (mm)	Y-axis (mm)		X-axis (mm)	Y-axis (mm)
A	+ .000 (0.00)	+ .409 (10.39)	L	- .354 (8.99)	+ .205 (5.21)
B	+ .236 (5.99)	+ .409 (10.39)	M	- .236 (5.99)	+ .409 (10.39)
C	+ .354 (8.99)	+ .205 (5.21)	N	- .118 (3.00)	+ .205 (5.21)
D	+ .472 (11.99)	+ .000 (0.00)	P	+ .118 (3.00)	+ .205 (5.21)
E	+ .354 (8.99)	- .205 (5.21)	R	+ .236 (5.99)	+ .000 (0.00)
F	+ .236 (5.99)	- .409 (10.39)	S	+ .118 (3.00)	- .205 (5.21)
G	+ .000 (.00)	- .409 (10.39)	T	- .118 (3.00)	- .205 (5.21)
H	- .236 (5.99)	- .409 (10.39)	U	- .236 (5.99)	+ .000 (0.00)
J	- .354 (8.99)	- .205 (5.21)	V	+ .000 (0.00)	+ .000 (0.00)
K	- .472 (11.99)	+ .000 (0.00)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
25	-19	19	12	I	All	MS20057-19

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)

Dim	Nominal
B	43.43+0/-0.25
ØC	44.7+0.25/-0

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the Specifications issued by either of the Parties or by a third party
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PN: 8D725Z19PDL

A	05-10-2016	First Release	
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Designed By: Date: **CUSTOMER DRAWING**

TITLE	Aluminium Receptacle 8D series

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

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D725Z19PDL-C	2/2