CHARACTERISTICS

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

-Shell Material   : Stainless Steel

-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 with Souriau contacts and Accessories

-Temperature Range   : -65°C to +200°C

-Salt Spray   : 500 hours

Keying Shown as example

LAYOUT SHOWN AS EXAMPLE

Connector dimension	
Dim	**Nominal**
A	49.2±0.3
B	33.32+0.1/-0.15
R	32.5Max
S	46±0.4
W	3+0.9/-0.1
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: 8D719S32SN

ISS	DATE	Latest modification - by	MOD N°
A	30-09-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE   Stainless Steel Receptacle 8D series

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

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D719S32SN-C	1/2

BASIC SERIES: 8D   7 -   19   S   32   S   N

SHELL TYPE : Jam nut Receptacle

CONTACT TYPE   : Standard Crimp Contact

SHELL SIZE : 19

PLATING   :   S =   Nickel

ORIENTATION : N

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 19-32

Contact Layout

Contacts
(Insert arrangement 19-32)

Contact position ID	Contact location X-axis (mm)	Contact location Y-axis (mm)	Contact position ID	Contact location X-axis (mm)	Contact location Y-axis (mm)
A	+ .066 (1.68)	+ .353 (8.97)	T	- .066 (1.68)	+ .353 (8.97)
B	+ .189 (4.80)	+ .305 (7.75)	U	+ .000 (0.00)	+ .230 (5.84)
C	+ .286 (7.26)	+ .217 (5.51)	V	+ .124 (3.15)	+ .193 (4.90)
D	+ .345 (8.76)	+ .098 (2.49)	W	+ .209 (5.31)	+ .095 (2.41)
E	+ .357 (9.07)	- .033 (0.84)	X	+ .228 (5.79)	- .033 (0.84)
F	+ .321 (8.15)	- .160 (4.06)	Y	+ .174 (4.42)	- .151 (3.84)
G	+ .242 (6.15)	- .265 (6.73)	Z	+ .065 (1.65)	- .221 (5.61)
H	+ .130 (3.30)	- .335 (8.51)	a	- .065 (1.65)	- .221 (5.61)
J	- .000 (0.00)	- .359 (9.12)	b	- .174 (4.42)	- .151 (3.84)
K	- .130 (3.30)	- .335 (8.51)	c	- .228 (5.79)	- .033 (0.84)
L	- .242 (6.15)	- .265 (6.73)	d	- .209 (5.31)	+ .095 (2.41)
M	- .321 (8.15)	- .160 (4.06)	e	- .124 (3.15)	+ .193 (4.90)
N	- .357 (9.07)	- .033 (0.84)	f	+ .000 (0.00)	+ .096 (2.44)
P	- .345 (8.76)	+ .098 (2.49)	g	+ .096 (2.44)	+ .000 (0.00)
R	- .286 (7.26)	+ .217 (5.51)	h	+ .000 (0.00)	- .096 (2.44)
S	- .189 (4.80)	+ .305 (7.75)	j	- .096 (2.44)	+ .000 (0.00)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
19	-32	32	20	I	All	MS20054-32

Panel cutout

JAM NUT RECEPTACLE (TYPE 7)

Dim	Nominal
B	33.91+0/-0.25
ØC	35.18+0.25/-0

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D719S32SN

A	30-09-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE   Stainless Steel Receptacle 8D series

SCALE: NA

General linear Tolerances: ±--

NPRDS / PROJECT **859**

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FORMAT **A3**

SOURIAU DRG N°
8D719S32SN-C

SHEET 2/2