VV Thread

Z
V
W

S
R1
R2
P
PP

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 without Souriau contacts

-Temperature Range : -65°C to +175°C

-Salt Spray : 2000 hours

-Mass : 25.9 g ± 10%

Connector dimension	
Dim	Nominal
P	3.25±0.2
PP	4.93±0.2
R1	29.36
R2	26.97
S	36.5±0.3
V	20.83+0/-1.25
W	2.1/2.5
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: 8D019X32SAL

ISS	DATE	Latest modification - by	MOD N°
A	02-11-2016	First Release	

Designed By: Date: **CUSTOMER DRAWING**

TITLE — Composite Receptacle 8D series

BASIC SERIES:	8D	0	-	19	X	32	S	A	L

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 19

PLATING : X = Without Plating

Delivered W/O Contacts

ORIENTATION : A

CONTACT TYPE : SOCKET(500 Matings)

CONTACT LAYOUT : 19-32

SCALE: NA

General linear Tolerances: ±--

NPRDS / PROJECT
859

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FORMAT
A3

SOURIAU DRG N°
8D019X32SAL-C

SHEET
1/2

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

SQUARE FLANGE RECEPTACLE (TYPE 0) REAR MOUNTING

SQUARE FLANGE RECEPTACLE (TYPE 0) FRONT MOUNTING
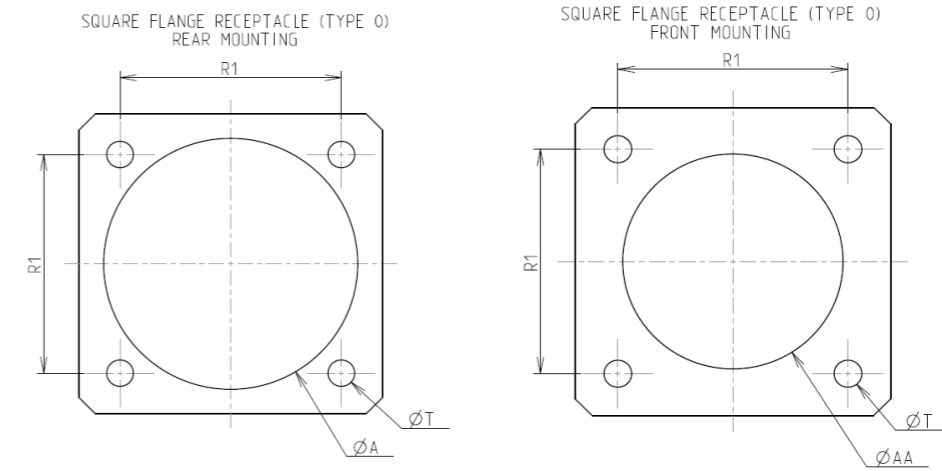
Dim	Nominal
ØA	32.94 min
ØAA	28.98 min
R1	29.36
ØT	3.25 ±0.13

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A	02-11-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: Date: **CUSTOMER DRAWING**

TITLE   Composite Receptacle 8D series

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

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