Z
V
W
VV Thread

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 with Souriau contacts and Accessories

-Temperature Range : -65°C to +175°C

-Salt Spray : 2000 hours

-Mass : 44.4 g ± 10%

Connector dimension	
Dim	**Nominal**
P	3.91±0.2
PP	6.15±0.2
R1	38.1
R2	34.93
S	46±0.3
V	20.07+0/-1.25
W	2.1/3.2
Z	31.5 Max
VV THREAD	M37x1-6g

Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D025X29PB

A	08-10-2016	First Release	
ISS	DATE	Latest modification - by	MOD N°

Designed By: Date: **CUSTOMER DRAWING**

BASIC SERIES:	8D	0	-	25	X	29	P	B

SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

SHELL SIZE : 25

PLATING : X = Without Plating

ORIENTATION : B

CONTACT TYPE : PIN(500 Matings)

CONTACT LAYOUT : 25-29

TITLE Composite Receptacle 8D series

SCALE NA

General linear Tolerances: ±--

NPRDS / PROJECT **859**

SOURIAU WWW.SOURIAU.COM

FORMAT **A3**

SOURIAU DRG N° 8D025X29PB-C

SHEET 1/2
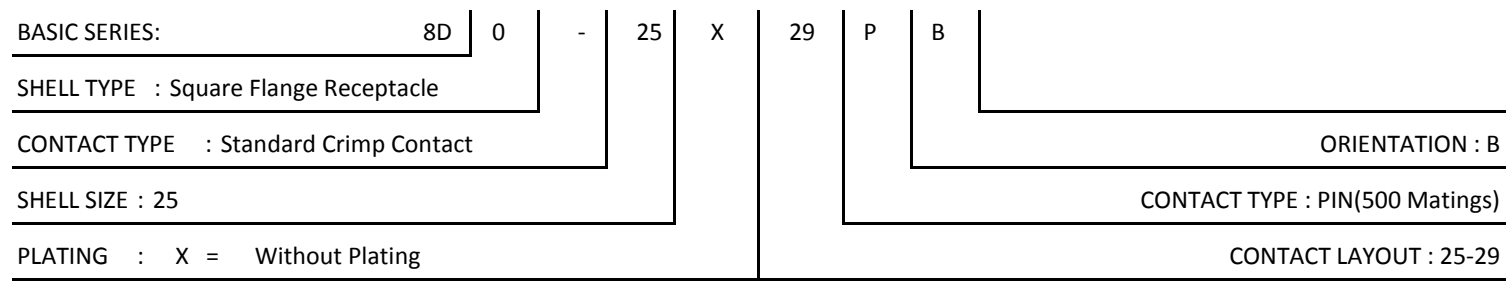
Contact Layout
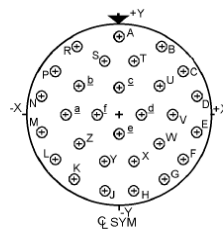
Contacts (Insert arrangement 25-29)

Contact position ID	Location X-axis (mm)	Location Y-axis (mm)	Contact position ID	Location X-axis (mm)	Location Y-axis (mm)
A	+.000 (0.00)	+.481 (12.22)	S	-.091 (2.31)	+.321 (8.15)
B	+.258 (6.55)	+.406 (10.31)	T	+.091 (2.31)	+.321 (8.15)
C	+.395 (10.03)	+.277 (7.04)	U	+.228 (5.79)	+.194 (4.93)
D	+.469 (11.91)	+.109 (2.77)	V	+.319 (8.10)	+.000 (0.00)
E	+.469 (11.91)	-.109 (2.77)	W	+.240 (6.10)	.191 (4.60)
F	+.395 (10.03)	-.277 (7.04)	X	+.091 (2.31)	-.290 (7.37)
G	+.263 (6.68)	-.406 (10.31)	Y	-.091 (2.31)	-.290 (7.37)
H	+.091 (2.31)	-.472 (11.99)	Z	-.240 (6.10)	-.181 (4.60)
J	-.091 (2.31)	-.472 (11.99)	a	-.319 (8.10)	+.000 (0.00)
K	-.263 (6.68)	-.406 (10.31)	b	-.228 (5.79)	+.194 (4.93)
L	-.395 (10.03)	-.277 (7.04)	c	+.000 (0.00)	+.161 (4.09)
M	-.469 (11.91)	-.109 (2.77)	d	+.134 (3.40)	+.000 (0.00)
N	-.469 (11.91)	+.109 (2.77)	e	+.000 (0.00)	-.130 (3.30)
P	-.395 (10.03)	+.277 (7.04)	f	-.134 (3.40)	+.000 (0.00)
R	-.258 (6.55)	+.406 (10.31)	---	---	---

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
25	-29	29	16	I	All	MS20057-29

Panel Cutout

SQUARE FLANGE RECEPTACLE (TYPE O)
REAR MOUNTING

SQUARE FLANGE RECEPTACLE (TYPE O)
FRONT MOUNTING

Dim	Nominal
ØA	42.47 min
ØAA	37.69 min
R1	38.1
ØT	3.81 ±0.13

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: 8D025X29PB

ISS	DATE	Latest modification - by	MOD N°
A	08-10-2016	First Release	

Designed By: | Date: | **CUSTOMER DRAWING**

TITLE — Composite Receptacle 8D series

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

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FORMAT	SOURIAU DRG N°	SHEET
A3	8D025X29PB-C	2/2