



LAYOUT SHOWN AS EXAMPLE

Keying 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 : 31.8 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

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Country	Jurisdiction & Control List
FR	Not Listed

PN: 8D025X08PDL

A	08-10-2016	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 859
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SOURIAU	WWW.SOURIAU.COM		
FORMAT	SOURIAU DRG N° 8D025X08PDL-C		SHEET 1/2

BASIC SERIES:	8D	0	-	25	X	08	P	D	L	Delivered W/O Contacts
SHELL TYPE :	Square Flange Receptacle					ORIENTATION : D				
CONTACT TYPE :	Standard Crimp Contact					CONTACT TYPE : PIN(500 Matings)				
SHELL SIZE :	25					CONTACT LAYOUT : 25-08				
PLATING :	X = Without Plating									

Contact Layout



Inactive for new design for MIL-DTL-38999. For new design, use arrangement no. 25-10.)

Contacts (Insert arrangement 25-8)		
Contact position ID	Contact location	
	X-axis (mm)	Y-axis (mm)
A	-000 (0.00)	+426 (10.82)
B	+333 (8.46)	+266 (6.76)
C	+415 (10.54)	-095 (2.41)
D	+185 (4.70)	-384 (9.75)
E	-185 (4.70)	-384 (9.75)
F	-415 (10.54)	-095 (2.41)
G	-333 (8.46)	+266 (6.76)
H	+000 (0.00)	+000 (0.00)

Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Standard contact	
						Pin	Socket
25	-8	8	8	Twinax	All	M39029/90-529	M39029/91-530

Panel Cutout



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

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SCALE		General linear Tolerances:	NPRDS / PROJECT
NA		±--	859
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FORMAT	SOURIAU DRG N° 8D025X08PDL-C		SHEET 2/2