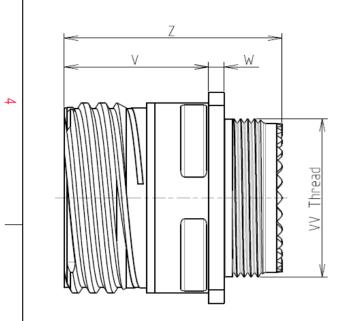
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LAYOUT SHOWN AS

Keying Shown as example

## CHARACTERISTICS

BASIC SERIES:

SHELL SIZE : 25

SHELL TYPE : Square Flange Receptacle

PLATING : Z = Black Zinc Nickel

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CONTACT TYPE : Standard Crimp Contact

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-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 with Souriau contacts and Accessories				
-Temperature Range	: -65°C to +175°C			
-Salt Spray	: 500 hours			

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Dim	Nominal
Р	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

ORIENTATION : E

CONTACT LAYOUT : 25-90

CONTACT TYPE : SOCKET(500 Matings)

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SOURIAU shall not be liable for due to a use of the Products the Specifications issued by either (professional recommend



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any non-conformity or damage which does not comply with of the Parties or by a third party adation, technical notice.)						
untry FR	Jurisdiction & Control List Not Listed				2	
25Z90SE						
MOD N°						
		CUSTON	IER DRAWING			
um Receptacle 8D series						
ar :	NPRDS / PROJECT <b>859</b>					
J.COM This document is the property of SOURIAU it must not be reproduced or communicated without permission					1	
	DRG N°			SHEET		
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		Contact Layout				Pa	anel Cutout
4	×  se no	$\begin{array}{c} \begin{array}{c} & & & & \\ & & & & \\ & & & & \\ & & & & $			Λ	SQUARE FLANGE RECEPTACLE (TYPE 0) REAR MOUNTING	
	Contact Locati   position X-axis   ID (mm)   A +065 (1.65)   B +.275 (6.99)   C + 4/0 (10.67)   D +.490 (12.45)	UIL-DTL-38999. For new design, use arrangement no. 25-91.)   Contacts (Insert arrangement 25-90)   Dometric Contacts (mm) Location   Y-axis (mm) Contact position ID Location   +533 (13.54) a +404 (10.26) +125 (3.18)   +466 (11.84) b +437 (11.10) +000 (0.00)   +337 (8.56) c +404 (10.26) -125 (3.18)   +293 (2.36) e +404 (10.76) -125 (3.18)   +293 (2.36) g +314 (7.98) -221 (5.61)   -993 (2.36) f +136 (3.45) -424 (10.77)   -227 (5.77) g +000 (0.00) -395 (10.03)   -337 (8.56) h -136 (3.45) -424 (10.77)   -466 (11.84) k -245 (6.22) -337 (8.56)				ØA	۵ ٥ <u>٦</u>
ω	$\begin{array}{c c} K & +0.65(1.65) \\ L & -0.65(1.65) \\ M &275(6.99) \\ N &420(10.67) \\ P &490(12.45) \\ R &531(13.49) \\ S &531(13.49) \\ T &490(12.45) \\ U &420(10.67) \\ V &275(6.89) \\ W &065(1.65) \\ X & +.136(3.45) \\ Y & +.245(6.22) \\ Y & +.245(6.22) \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$				Dim ØA ØAA R1 ØT	
	size ment no. contacts o 25 -90 4	Size ontacts Service rating Contact location Standard contact   8 se note) Twinax W. Z M39029/90-529 M39029/91-53   16 20 I X. X. X. AA M39029/56-364 M39029/56-353	2			SOURIAU shall not be lial due to a use of the Pro the Specifications issued by (professional reco	oducts whi y either of
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					A 10-10-20 ISS DATE Designed By:	PN: 8 116 First Release Latest modification - by Date:	
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