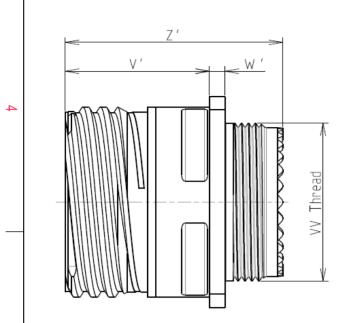
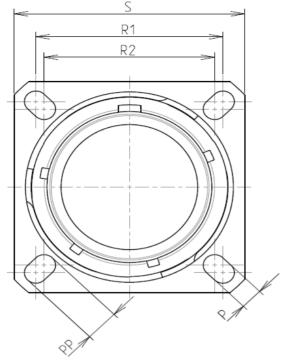
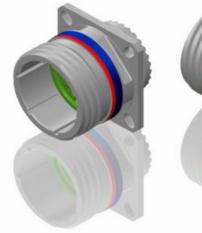
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CHARACTERISTICS

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-Salt Spray

BASIC SERIES:

SHELL SIZE : 25

PLATING : M = Nickel

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SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

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

-Shell Material	: Composite
-Shell Plating	: Nickel
-Insulator	: Thermoplastic
-Contacts	: Copper Alloy
-Seals & Grommet	: Silicon Elastomer
-Contact Plating	: Gold over copper Alloy $0.8 \mu m$ minimum
-Durability	: 500 Mating cycles
-Delivered with Souriau	contacts and Accessories
-Temperature Range	: -65°C to +200°C

: 2000 hours

8D 0

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Connector dimension		
Dim	Nominal	
Р	3.91±0.2	
PP	6.15±0.2	
R1	38.1	
R2	34.93	
S	46±0.3	
V'	18.7+1.4/-0	
W'	2.1/4.35	
Ζ'	32 Max	
VV THREAD	M37x1-6g	

<image/>	4
Keying Shown as example Connector dimension Dim Nominal P 3.91±0.2 PP 6.15±0.2 R1 38.1 R2 34.93 S 46±0.3	3
Connector dimensionDimNominalP 3.91 ± 0.2 PP 6.15 ± 0.2 R1 38.1 R2 34.93 S 46 ± 0.3	3
DimNominalP 3.91 ± 0.2 PP 6.15 ± 0.2 R1 38.1 R2 34.93 S 46 ± 0.3	
PP6.15±0.2SOURIAU shall not be liable for any non-conformity or damageR138.1due to a use of the Products which does not comply withR234.93the Specifications issued by either of the Parties or by a third partyS46±0.3(professional recommendation, technical notice.)	
W' 2.1/4.35 n minimum Z' 32 Max FR Not Listed	2
VV THREAD M37x1-6g PN: 8D025M90AD	
A 17-10-2016 First Release	
ISS DATE Latest modification - by MOD N° Designed By: Date: CUSTOMER DRAWING	—
TITLE Composite Receptacle 8D series	
25 M 90 A D SCALE General linear NPRDS / PROJECT NA Tolerances: 859	4
ORIENTATION : D SOURIAU This document is the property of SOURIAU. CONTACT TYPE : PIN(500 Matings) SOURIAU it must not be reproduced or communicated without permission	I
CONTACT LAYOUT : 25-90 FORMAT SOURIAU DRG N° SHEET A3 8D025M90AD-C 1/2	
F E D C B A	

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		Contact Layout				Panel Cut	out
4		$ \begin{array}{c c} & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ $			Ā	SQUARE FLANGE RECEPTACLE (TYPE 0) REAR MOUNTING	
	Contact Locatic position X-axis ID (mm) A +065 (1.65) B +.275 (6.99) C + 420 (10.67) D +.490 (12.45)	Contacts Location Y-axis Contacts Y-axis Contact Y-axis Contact Y-axis Contact MIL-D124 Contact Y-axis Contact y-axis Contact y-axis V-axis y-axis (mm) +553 (13.54) a +404 (10.26) +.125 (3.18) +466 (11.84) b +337 (16.56) c +404 (10.26) +.125 (3.18) +227 (5.77) d +337 (16.56) c +404 (10.26) 221 (5.61) -093 (2.36) e +245 (6.22) 337 (8.56) -093 (2.36) f +136 (3.45) 424 (10.77) -227 (5.77) g +.000 (0.00) -337 (8.56) h 136 (3.45) -337 (8.56) h 424 (10.77) -227 (5.77) g +.000 (0.00) 395 (10.03) -337 (8.56) h 436				ØT.	
ω	$\begin{array}{c c} {\sf K} & + 0.05(1.65) \\ {\sf L} & - 0.06(1.65) \\ {\sf M} &275(6.99) \\ {\sf N} &420(10.67) \\ {\sf P} &490(12.45) \\ {\sf R} &531(13.49) \\ {\sf S} &531(13.49) \\ {\sf T} &490(12.45) \\ {\sf U} &420(10.67) \\ {\sf V} &275(6.99) \\ {\sf W} &065(1.65) \\ {\sf X} & + .136(3.45) \\ {\sf Y} & + .245(6.22) \\ {\sf Y} & + .245(6.22) \\ {\sf Y} & + .245(6.22) \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$				Dim ØA ØAA R1 ØT	
	size ment no. contacts co contacts co 25 -90 4	Size ontacts Service rating Contact location Standard contact 8 te note) Twinax W. Z M39029/90-529 M39029/91-53 16 20 I <u>Y</u> × <u>X</u> / X M39029/58-364 M39029/56-35 20 All others M39029/58-363 M39029/56-35	2			SOURIAU shall not be liable for a due to a use of the Products w the Specifications issued by either (professional recommend	whi of
N						PN: 8D025	{
					A 17-10-20 ISS DATE Designed By:	16 First Release Latest modification - by Date:	
_ _					SCALE NA	Composition General linear Tolerances: ±	
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