

LAYOUT SHOWN AS

Keying Shown as example

CHARACTERISTICS

BASIC SERIES:

SHELL SIZE : 25

PLATING : M = Nickel

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SHELL TYPE : Square Flange Receptacle

CONTACT TYPE : Standard Crimp Contact

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-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 without Souriau contacts				
-Temperature Range	: -65°C to +200°C			
-Salt Spray	: 2000 hours			

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Connector dimension				
Dim	Nominal			
Р	3.91±0.2			
РР	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			

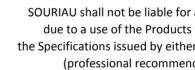
Delivered W/O Contacts

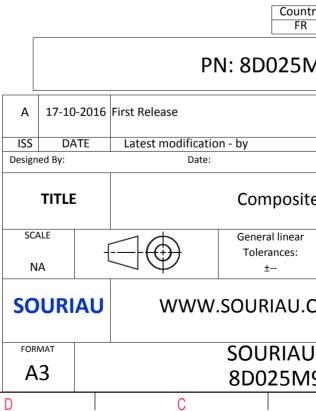
CONTACT LAYOUT : 25-90

CONTACT TYPE : PIN(500 Matings)

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ORIENTATION : B





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	Contact position ID Locatic (mm) A +.065 (1.65) B +.275 (6.99) C +.490 (12.45) E +.531 (13.49) F +.531 (13.49) G +.420 (10.67) H +.420 (12.45)	Y-axis (mm) Contact position ID X-axis (mm) Y-axis (mm) +.533 (13.54) a +.404 (10.26) +.125 (3.18) +.466 (11.84) b +.404 (10.26) +.125 (3.18) +.373 (11.01) +.000 (0.00) +.307 (11.10) +.000 (0.00) +.373 (11.26) c +.404 (10.26) 125 (3.18) +.227 (5.77) d +.314 (7.98) 221 (5.61) +.093 (2.26) e +.245 (6.22) 337 (8.56) 227 (5.77) g +.000 (0.00) 395 (10.03) 337 (8.56) h 136 (3.45) 424 (10.77)			£2 −	ØA	ă <u>7</u>
ω	$\begin{array}{c} {\sf K} & + 0.65(1.65) \\ {\sf L} & - 0.65(1.85) \\ {\sf M} &275(6.99) \\ {\sf N} &275(6.99) \\ {\sf P} &490(12.45) \\ {\sf R} &531(13.49) \\ {\sf S} &531(13.49) \\ {\sf T} &490(12.45) \\ {\sf U} &200(12.45) \\ {\sf U} &275(6.99) \\ {\sf W} &065(1.85) \\ {\sf X} & + .136(3.45) \\ {\sf Y} & + .245(6.22) \\ {\sf Y} & + .245(6.22) \\ {\sf Y} & + .245(6.22) \end{array}$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $				Dim ØA ØAA R1 ØT	
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