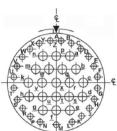
	4
CO LAYOUT SHOWN AS EXAMPLE	3
Keying Shown as example	
CHARACTERISTICS   Connector dimension     -Standard : Based on MIL-DTL-38999 Series III   Dim   Nominal	
Shell Material   : Composite   ØS   48 Max     -Shell Plating   : Nickel   Z'   31.5 Max     -Shell Plating   : Nickel   VV THREAD   M37x1-6g     -Insulator   : Thermoplastic   .   .     -Contacts   : Copper Alloy   .   .	
-Seals & Grommet: Silicon ElastomerCountryJurisdiction & Control ListContact Plating: Gold over copper Alloy 0.8μm minimum	2
-Durability : 500 Mating cycles -Delivered without Souriau contacts	
-Temperature Range : -65°C to +200°C -Salt Spray : 2000 hours	
-Mass   : 40.1 g ± 10%     ISS   DATE   Latest modification - by     Designed By:   Date:   CUSTOMER DRAWING	MOD N°
TITLE Composite Plug 8D series	
BASIC SERIES:   8D   5   -   25   M   43   P   E   L   SCALE   General linear   Tolerances:   Tolerances:   Basic   Bas	1
CONTACT TYPE   : Standard Crimp Contact     SHELL SIZE : 25   CONTACT TYPE : PIN(500 Matings)	lor
PLATING : M = Nickel FORMAT SOURIAU DRG N°	SHEET 1/2
H G F E D 8D525M43PEL-C   H G F A	1/2

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## Contact Layout



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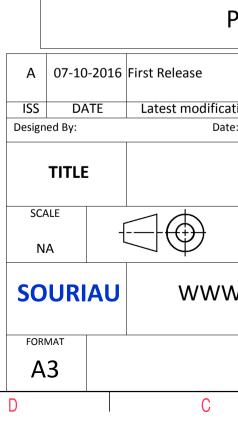
Contacts (Insert arrangement 25-43)								
Contact	Loca	ation	Contact position ID	Location				
position	X-axis	Y-axis		X-axis	Y-axis			
ID	(mm)	(mm)	position iD	(mm)	(mm)			
Α	+.069 (1.75)	+.531 (13.49)	Z	069 (1.75)	+.531 (13.49)			
В	+.203 (5.16)	+.495 (12.57)	a	+.172 (4.37)	+.344 (8.74)			
С	+.324 (8.23)	+.425 (10.80)	b	+.258 (6.55)	+.172 (4.37)			
D	+.424 (10.77)	+.326 (8.28)	<u>c</u>	+.344 (8.74)	+.000 (0.00)			
E	+.493 (12.52)	+.205 (5.21)	<u>d</u>	+.344 (8.74)	172 (4.37)			
F	+.531 (13.49)	+.069 (1.75)	<u>e</u>	+.172 (4.37)	344 (8.74)			
G	+.531 (13.49)	069 (1.75)	<u>f</u>	+.000 (0.00)	344 (8.74)			
н	+.493 (12.52)	205 (5.21)	g	172 (4.37)	344 (8.74)			
J	+.424 (10.77)	326 (8.28)	<u>h</u>	344 (8.74)	172 (4.37)			
K	+.324 (8.23)	425 (10.80)	<u>k</u>	344 (8.74)	+.000 (0.00)			
L	+.203 (5.16)	495 (12.57)	<u>m</u>	258 (6.55)	+.172 (4.37)			
М	+.000 (0.00)	531 (13.49)	n	172 (4.37)	+.344 (8.74)			
N	203 (5.16)	495 (12.57)	р	+.000 (0.00)	+.344 (8.74)			
Р	324 (8.23)	425 (10.80)	q	+.086 (2.18)	+.172 (4.37)			
R	424 (10.77)	326 (8.28)	<u>r</u>	+.172 (4.37)	+.000 (0.00)			
S	493 (12.52)	205 (5.21)	s	+.172 (4.37)	172 (4.37)			
Т	531 (13.49)	069 (1.75)	<u>t</u>	+.000 (0.00)	172 (4.37)			
U	531 (13.49)	+.069 (1.75)	u	172 (4.37)	172 (4.37)			
V	493 (12.52)	+.205 (5.21)	V	172 (4.37)	+.000 (0.00)			
W	424 (10.77)	+.326 (8.28)	w	086 (2.18)	+.172 (4.37)			
Х	324 (8.23)	+.425 (10.80)	x	+.000 (0.00)	+.000 (0.00)			
Y	203 (5.16)	+.495 (12.57)						

	Shell size	Arrangement no.	Number of contacts	Size contacts	Service rating	Contact location	Supersedes
	25 -43	-43	20	16	I	<u>a,b,c,d,e,f,q,h,k,m,</u> <u>n,p,q,r,s,t,u,v,w,x</u>	MS20057-43
L			23	20		All others	L

G

F

SOURIAU shall due to a use the Specification (profess



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PN: 8D	52514	13DEI				
	525101	+JFLL				
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te:			CUSTOMER E	RAWING		
C	Compos	ite Plug 8I	D series			
	al linear		NPRDS / PI	ROJECT		
	ances: :		859	)		1
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8D5	25M4	3PEL-C	1		2/2	
		В		А		