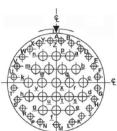
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CO LAYOUT SHOWN AS EXAMPLE	3
Keying Shown as example	
CHARACTERISTICS Connector dimension -Standard : Based on MIL-DTL-38999 Series III Dim Nominal	
Shell Material : Composite ØS 48 Max -Shell Plating : Nickel Z' 31.5 Max -Shell Plating : Nickel VV 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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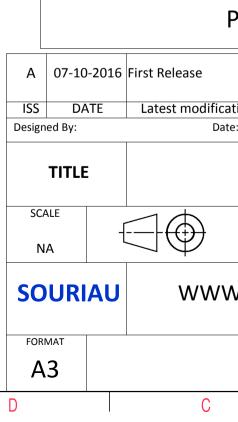
Contacts (Insert arrangement 25-43)								
Contact	Loca	ation	Contact position ID	Location				
position	X-axis	Y-axis		X-axis	Y-axis			
ID	(mm)	(mm)	position iD	(mm)	(mm)			
Α	+.069 (1.75)	+.531 (13.49)	Z	069 (1.75)	+.531 (13.49)			
В	+.203 (5.16)	+.495 (12.57)	a	+.172 (4.37)	+.344 (8.74)			
С	+.324 (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

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PN: 8D	52514	13DEI				
	525101	+JFLL				
ation - by					MOD N°	
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		