

# SOURIAU Circular Connectors

## micro38999 SERIES MINIATURE CIRCULAR CONNECTORS FOR HARSH ENVIRONMENTS

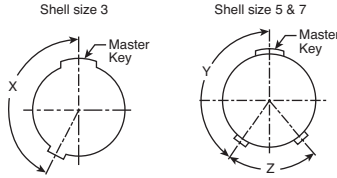
**Features:**

- Integrated backshell provides cost and space savings
- IP67 on mated connector, 1 meter for 30 min. minimum
- >IP68 with appropriate cable termination
- Fluid resistance: MIL-DTL-38999 standard
- Compatible with de-icing fluids containing potassium acetate
- Harsh environment
  - Scoop Proof
  - Cavity to cavity sealed with interfacial seal and grommet
  - Fluid resistant

**Applications:**

- Small industrial equipment
- Docking Stations
- Tactical radio/network systems

Orientation



## 8LTA SERIES BAYONET COUPLING

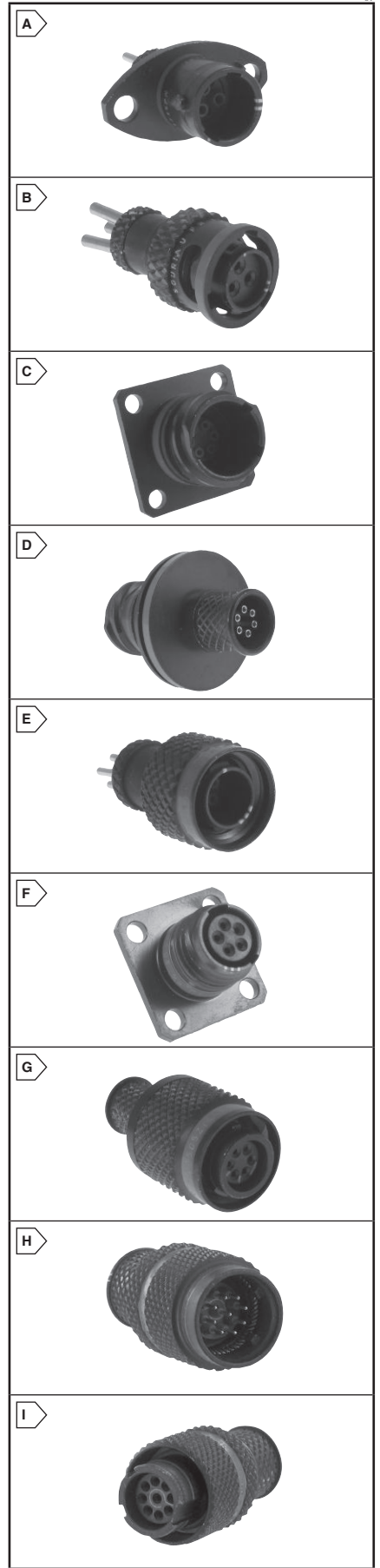
MOUSER STOCK NO.	Souriau Part No.	Fig.	Shell Size	No. of Contacts	Orientation			Price Each		
					x°	y°	z°	1	10	25
<b>Oval Flange Receptacle (Pin Contacts), Black Zinc Nickel</b>										
649-8LTA203Z35PN	8LTA203Z35PN	A	3	3	153	-	-	106.98	93.36	85.58
649-8LTA205Z06PN	8LTA205Z06PN	A	5	6	-	145	75	94.65	82.60	75.72
649-8LTA207Z09PN	8LTA207Z09PN	A	7	9	-	145	75	107.40	93.73	85.92
649-8LTA203Z35PA	8LTA203Z35PA	A	3	3	51	-	-	106.98	93.36	85.58
649-8LTA205Z06PA	8LTA205Z06PA	A	5	6	-	130	120	94.65	82.60	75.72
649-8LTA207Z09PA	8LTA207Z09PA	A	7	9	-	130	120	107.40	93.73	85.92
<b>Plug without EMI Ring (Socket Contacts), Black Zinc Nickel</b>										
649-8LTA603Z35SN	8LTA603Z35SN	B	3	3	153	-	-	171.40	149.58	137.12
649-8LTA605Z06SN	8LTA605Z06SN	B	5	6	-	145	75	141.67	123.64	113.33
649-8LTA607Z09SN	8LTA607Z09SN	B	7	9	-	145	75	185.25	161.67	148.20
649-8LTA603Z35SA	8LTA603Z35SA	B	3	3	51	-	-	171.40	149.58	137.12
649-8LTA605Z06SA	8LTA605Z06SA	B	5	6	-	130	120	141.67	123.64	113.33
649-8LTA607Z09SA	8LTA607Z09SA	B	7	9	-	130	120	185.25	161.67	148.20

## 8DA SERIES THREADED COUPLING

<b>Square Flange Receptacle (Pin Contacts), Black Zinc Nickel</b>										
649-8DA005Z06PN	8DA005Z06PN	C	5	6	-	145	75	109.90	95.91	87.92
649-8DA007Z09PN	8DA007Z09PN	C	7	9	-	145	75	110.21	96.18	88.17
649-8DA005Z06PA	8DA005Z06PA	C	5	6	-	130	120	109.90	95.91	87.92
649-8DA007Z09PA	8DA007Z09PA	C	7	9	-	130	120	110.21	96.18	88.17
<b>Square Flange Receptacle (Pin Contacts), Nickel</b>										
649-8DA005F06PN	8DA005F06PN	C	5	6	-	145	75	98.27	85.76	78.62
649-8DA007F09PN	8DA007F09PN	C	7	9	-	145	75	97.00	84.65	77.60
649-8DA005F06PA	8DA005F06PA	C	5	6	-	130	120	98.27	85.76	78.62
649-8DA007F09PA	8DA007F09PA	C	7	9	-	130	120	97.00	84.65	77.60
<b>Jam Nut Receptacle (Pin Contacts), Black Zinc Nickel</b>										
649-8DA705Z06PN	8DA705Z06PN	D	5	6	-	145	75	131.29	114.58	105.03
649-8DA707Z09PN	8DA707Z09PN	D	7	9	-	145	75	133.65	116.64	106.92
649-8DA705Z06PA	8DA705Z06PA	D	5	6	-	130	120	131.29	114.58	105.03
649-8DA707Z09PA	8DA707Z09PA	D	7	9	-	130	120	133.65	116.64	106.92
<b>Jam Nut Receptacle (Pin Contacts), Nickel</b>										
649-8DA705F06PN	8DA705F06PN	D	5	6	-	145	75	114.31	99.76	91.45
649-8DA707F09PN	8DA707F09PN	D	7	9	-	145	75	114.56	99.98	91.65
649-8DA705F06PA	8DA705F06PA	D	5	6	-	130	120	114.31	99.76	91.45
649-8DA707F09PA	8DA707F09PA	D	7	9	-	130	120	114.56	99.98	91.65
<b>Plug without EMI Ring (Pin Contacts), Black Zinc Nickel</b>										
649-8DA603Z05PN	8DA603Z05PN	E	3	5	153	-	-	186.17	162.47	148.93
649-8DA603Z05PA	8DA603Z05PA	E	3	5	51	-	-	186.17	162.47	148.93
<b>Plug without EMI Ring (Pin Contacts), Nickel</b>										
649-8DA603F05PN	8DA603F05PN	E	3	5	153	-	-	147.94	129.11	118.35
649-8DA603F05PA	8DA603F05PA	E	3	5	51	-	-	147.94	129.11	118.35
<b>Square Flange Receptacle (Socket Contacts), Black Zinc Nickel</b>										
649-8DA003Z05SN	8DA003Z05SN	F	3	5	153	-	-	107.17	93.53	85.73
649-8DA003Z05SA	8DA003Z05SA	F	3	5	51	-	-	107.17	93.53	85.73
<b>Square Flange Receptacle (Socket Contacts), Nickel</b>										
649-8DA003F05SN	8DA003F05SN	F	3	5	153	-	-	91.75	80.07	73.40
649-8DA003F05SA	8DA003F05SA	F	3	5	51	-	-	91.75	80.07	73.40
<b>Plug with EMI Ring (Socket Contacts), Black Zinc Nickel</b>										
649-8DA505Z06SN	8DA505Z06SN	G	5	6	-	145	75	159.33	139.05	127.47
649-8DA507Z09SN	8DA507Z09SN	G	7	9	-	145	75	206.06	179.84	164.85
649-8DA505Z06SA	8DA505Z06SA	G	5	6	-	130	120	159.33	139.05	127.47
649-8DA507Z09SA	8DA507Z09SA	G	7	9	-	130	120	206.06	179.84	164.85
<b>Plug with EMI Ring (Socket Contacts), Nickel</b>										
649-8DA505F06SN	8DA505F06SN	G	5	6	-	145	75	133.65	116.64	106.92
649-8DA507F09SN	8DA507F09SN	G	7	9	-	145	75	170.92	149.16	136.73
649-8DA505F06SA	8DA505F06SA	G	5	6	-	130	120	133.65	116.64	106.92
649-8DA507F09SA	8DA507F09SA	G	7	9	-	130	120	170.92	149.16	136.73

## 8BA SERIES BREAK AWAY COUPLING

<b>In Line Receptacle (Pin Contact), Black Zinc Nickel</b>										
649-8BA105Z06PA	8BA105Z06PA	H	5	6	-	130	120	134.63	117.49	107.70
<b>In Line Receptacle (Socket Contacts), Black Zinc Nickel</b>										
649-8BA103Z05SN	8BA103Z05SN	H	3	5	153	-	-	163.85	143.00	131.08
649-8BA105Z06SN	8BA105Z06SN	H	5	6	-	145	75	143.08	124.87	114.47
649-8BA107Z09SN	8BA107Z09SN	H	7	9	-	145	75	184.29	163.38	151.43
649-8BA103Z05SA	8BA103Z05SA	H	3	5	51	-	-	163.85	143.00	131.08
649-8BA107Z09SA	8BA107Z09SA	H	7	9	-	130	120	164.29	143.38	131.43
<b>Plug (Pin Contacts), Black Zinc Nickel</b>										
649-8BA603Z05PN	8BA603Z05PN	I	3	5	153	-	-	128.17	111.85	102.53
649-8BA605Z06PN	8BA605Z06PN	I	5	6	-	145	75	106.38	92.84	85.10
649-8BA607Z09PN	8BA607Z09PN	I	7	9	-	145	75	230.88	214.22	200.70
649-8BA603Z05PA	8BA603Z05PA	I	3	5	51	-	-	128.17	111.85	102.53
649-8BA607Z09PA	8BA607Z09PA	I	7	9	-	130	120	130.88	114.22	104.70
<b>Plug (Socket Contact), Black Zinc Nickel</b>										
649-8BA605Z06SA	8BA605Z06SA	I	5	6	-	130	120	114.79	100.18	91.83



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