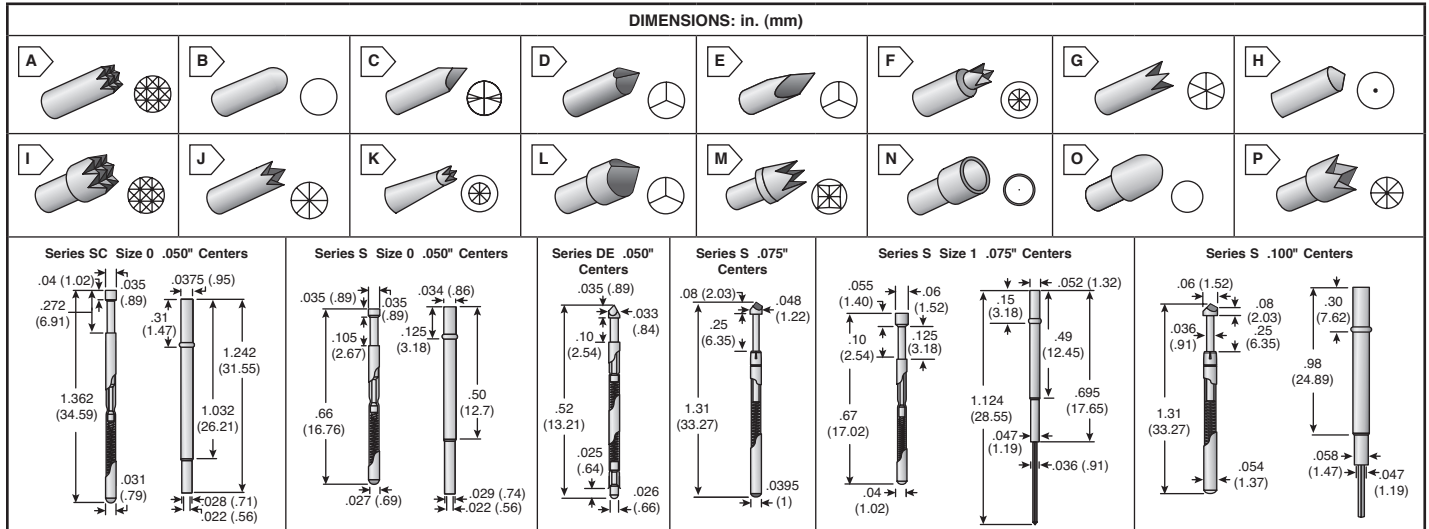


IDI Spring Contact Probes and Receptacles

RoHS Compliant This product is RoHS compliant.



SERIES S-50C: SIZE 0, .050" CENTERS

Technical Summary:

- Recommended Minimum Centers: .050 (1.27)
- Current Rating: 3 amps continuous
- Spring Force: 3.2 or 5.4 oz. @ .170 (4.32) travel
- Contact Resistance: Less than 17mΩ
- Recommended Working Travel: .170 (4.32)
- Maximum Travel: .232 (5.89) for headed tips
.250 (6.35) for headless tips

Materials:

- Contact Barrel: DuraGold
- Spring: Stainless steel or music wire, gold plated
- Plunger: Full-hard Beryllium copper or steel, gold plated over nickel or optional duralloy



SERIES S: SIZE 1, .075" CENTERS

Technical Summary:

- Recommended Minimum Centers: .075 (1.91)
- Current Rating: 3 amps continuous
- Spring Force: 2.0 oz. or 3.8 oz.
- Contact Resistance: Less than 25mΩ
- Recommended Working Travel: .070 (1.78)

Materials:

- Contact Barrel: Nickel/silver, gold plated
- Spring: Stainless steel, gold plated
- Plunger: Beryllium copper, gold plated over nickel



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Dia.	Description	Price Each		
Mfr.	Mfr. Part No.				1	25	50
818	S-50C-HS-5.4-G-S	A	.024 (.61)	Headless Serrated	5.77	5.19	4.68
818	S-50C-J-5.6-DG	B	.024 (.61)	Headless Radius	5.77	5.20	4.68
818	S-50C-M-5.4-G-S	C	.024 (.61)	Headless Blade	5.77	5.19	4.68
818	S-50C-S-5.4-G-S	D	.024 (.61)	Headless 3 Sided Chisel	5.77	5.19	4.68
818	S-50C-SP-5.4-G-S	E	.024 (.61)	Headless 3 Sided Sharp Chisel	5.77	5.19	4.68
818	S-50C-UR-5.4-G-S	F	.016 (.41)	Headless Reduced 4 Pt Crown	5.77	5.19	4.68
818	S-50C-Z-5.4-G-S	G	.024 (.61)	Headless 3 Pt Crown	5.77	5.19	4.68

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Dia.	Description	Price Each		
Mfr.	Mfr. Part No.				1	25	50
Spring Contact Probes							
818	S-1-A-2-G	N	.06 (1.52)	Headed Cup 2.0 oz.	1.55	1.50	1.45
818	S-1-A-3.8-G	N	.06 (1.52)	Headed Cup 3.8 oz.	.88	.79	.71
818	S-1-D-2-G	O	.04 (1.02)	Headed Radius 2.0 oz.	2.34	2.10	1.89
818	S-1-B-3.8-G	E	.04 (1.02)	Headless Spear 3.8 oz.	1.55	1.39	1.25
818	S-1-H-2-G	I	.06 (1.52)	Headed Serrated 2.0 oz.	1.55	1.39	1.25
818	S-1-H-3.8-G	I	.06 (1.52)	Headed Serrated 3.8 oz.	1.03	.923	.832
818	S-1-J-2-G	B	.026 (.66)	Headless Radius 2.0 oz.	1.62	1.54	1.46
818	S-1-J-3.8-G	B	.026 (.66)	Headless Radius 3.8 oz.	1.55	1.39	1.25
818	S-1-U-2-G	J	.026 (.66)	Headless 4 PT Crown 2.0 oz.	1.55	1.39	1.25
818	S-1-U-3.8-G	J	.026 (.66)	Headless 4 PT Crown 3.8 oz.	1.55	1.39	1.25

SERIES S: SIZE 0, .050" CENTERS

Technical Summary:

- Recommended Minimum Centers: .050 (1.27)
- Current Rating: 3 amps continuous
- Spring Force: 2.2 oz. (62g) @ .070 (1.78) travel
- Contact Resistance: Less than 35mΩ
- Recommended Working Travel: .070 (1.78)

Materials:

- Contact Barrel: Nickel/silver, gold plated
- Spring: Beryllium copper, gold plated
- Plunger: Beryllium copper, gold plated over nickel



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Dia.	Description	Price Each		
Mfr.	Mfr. Part No.				1	25	50
818	S-0-B9-2.2-G	H	.021 (.53)	Headless Flat Spear	2.62	2.37	2.24
818	S-0-H-2.2-G	I	.035 (.89)	Headed Serrated	2.62	2.37	2.14
818	S-0-J-2.2-G	B	.021 (.53)	Headless Radius	2.62	2.37	2.14
818	S-0-U-2.2-G	J	.021 (.53)	Headless 4 Pt Crown	1.25	1.13	1.02
818	S-0-UT-2.2-G	K	.011 (.28)	Headless Reduced 4 Pt Crown	2.62	2.37	2.14

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Dia.	Description	Price Each		
Mfr.	Mfr. Part No.				1	25	50
Receptacles							
818	R-1-CR	-	-	Receptacle, Crimp	.31	.272	.251
818	R-1-SC	-	-	Receptacle, Solder Cup	.50	.455	.411
818	R-1-WW-429	-	-	Receptacle, WW .025" SQ	.51	.46	.42

SERIES S: .100" CENTERS

Technical Summary:

- Recommended Minimum Centers: .100 (2.54)
- Current Rating: 3 amps continuous
- Spring Force: 6.7oz. or 8.0 oz. (190g) @ .170 (4.32) travel
- Recommended Working Travel: .170 (4.32)

Materials:

- Contact Barrel: Nickel/silver, gold plated
- Spring: Stainless steel, gold plated or music wire
- Plunger: Beryllium copper, gold plated over nickel



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Dia.	Description	Price Each		
Mfr.	Mfr. Part No.				1	25	50
Spring Contact Probes							
818	S-100-A-6.7-G	N	.06 (1.52)	Headed Cup 6.7 oz.	1.70	1.54	1.39
818	S-100-A-8-G	N	.06 (1.52)	Headed Cup 8 oz.	2.56	2.31	2.09
818	S-100-B-6.7-G	-	-	Headless Spear 6.7 oz.	1.13	1.02	.932
818	S-100-B-8-G	-	-	Headless Spear 8 oz.	1.70	1.54	1.39
818	S-100-H-6.7-G	I	.06 (1.52)	Headed Serrated 6.7 oz.	1.20	1.09	.988
818	S-100-H-8-G	I	.06 (1.52)	Headed Serrated 8 oz.	1.81	1.63	1.48
818	S-100-J-6.7-G	B	.036 (.91)	Headless Radius 6.7 oz.	1.70	1.54	1.39
818	S-100-J-8-G	B	.036 (.91)	Headless Radius 8 oz.	2.56	2.31	2.09
818	S-100-M-6.7-G-S	C	.036 (.91)	Headless Blade 6.7 oz.	3.54	3.18	2.85
818	S-100-M-8-G-S	C	.036 (.91)	Headless Blade 8 oz.	3.53	3.17	2.82
818	S-100-SP-6.7-G-S	E	.036 (.91)	Headless Sharp Chisel 6.7 oz.	2.36	2.12	1.90
818	S-100-SP-8-G-S	E	.036 (.91)	Headless Sharp Chisel 8 oz.	3.54	3.18	2.85
818	S-100-U-6.7-G-S	J	.036 (.91)	Headless 4 PT Crown 6.7 oz.	3.54	3.18	2.85
818	S-100-U-8-G-S	J	.036 (.91)	Headless 4 PT Crown 8 oz.	3.54	3.18	2.85
818	S100-UST-6.7-G-S	K	.036 (.91)	Headless Reduced 4 PT Crown 6.7 oz.	3.54	3.18	2.85
818	S100-UST-8-G-S	K	.036 (.91)	Headless Reduced 4 PT Crown 8 oz.	3.54	3.18	2.85
818	S100-VLT-6.7-G-S	M	.055 (1.40)	Headed Reduced 4 PT Crown 6.7 oz.	3.54	3.18	2.85
818	S100-VLT-8-G-S	M	.055 (1.40)	Headed Reduced 4 PT Crown 8 oz.	3.54	3.18	2.85
818	S-100-W-6.7-G	P	.05 (1.27)	Headed 4 PT Crown 6.7 oz.	2.90	2.60	2.33
818	S-100-WO-8-G-S	P	.05 (1.27)	Headed 4 PT Crown 8 oz.	2.36	2.12	1.90

SERIES DE: .050" CENTERS

Technical Summary:

- Recommended Minimum Centers: .050 (1.27)
- Current Rating: 3 amps continuous
- Spring Force: 2 oz. (57g) @ .050 (1.27) travel
- Contact Resistance: Less than 35mΩ
- Recommended Working Travel: .050 (1.27)

Materials:

- Contact Barrel: Nickel/silver, gold plated
- Spring: Music wire, gold plated
- Plunger: Beryllium copper, gold plated over nickel



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Dia.	Description	Price Each		
Mfr.	Mfr. Part No.				1	25	50
818	DE-50-T-45-2-G	L	.033 (.84)	Double Ended Probe	2.70	2.55	2.43

SERIES S: .075" CENTERS

Technical Summary:

- Recommended Minimum Centers: .075 (1.91)
- Current Rating: 3 amps continuous
- Spring Force: 5 oz. or 7 oz.
- Contact Resistance: Less than 13mΩ
- Recommended Working Travel: .170 (4.32)

Materials:

- Contact Barrel: Nickel/silver, gold plated
- Spring: Music wire, nickel plated
- Plunger: Beryllium copper, gold plated over nickel, or steel



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Dia.	Description	Price Each		
Mfr.	Mfr. Part No.				1	25	50
818	S-075-B-5-G	-	-	Headless Spear	3.60	3.24	2.90
818	S-075-B-7-G	-	-	Headless Spear	3.60	3.24	2.90
818	S-075-J-5-G	B	.025 (.64)	Headless Radius	4.50	4.03	3.61
818	S-075-J-7-G	B	.025 (.64)	Headless Radius	4.50	4.03	3.62
818	S-075-M-5-G-S	C	.025 (.64)	Headless Blade	4.50	4.06	3.65
818	S-075-M-7-G-S	C	.025 (.64)	Headless Blade	4.50	4.06	3.65
818	S-075-SP-5-G-S	E	.025 (.64)	Headless Sharp Chisel (3 Sided)	4.24	3.83	3.44
818	S-075-SP-7-G-S	E	.025 (.64)	Headless Sharp Chisel (3 Sided)	4.24	3.83	3.44
818	S-075-UST-5-G-S	K	.018 (.50)	Headless Reduced 4 Pt Crown	4.50	4.06	3.65
818	S-075-UST-7-G-S	K	.018 (.50)	Headless Reduced 4 Pt Crown	4.50	4.06	3.65
818	S-075-VLT-5-G-S	M	.048 (1.22)	Headed Reduced 4 Pt Crown	4.24	3.83	3.44
818	S-075-VLT-7-G-S	M	.048 (1.22)	Headed Reduced 4 Pt Crown	4.24	3.83	3.44