

AMPHENOL Circular Connectors and Backshells Amphenol®

AMPHENOL KTK HIGH PRESSURE DOWNHOLE CONNECTORS

Features:

- High Pressure: 20,000 PSI (137 MPA) bi-directional
- Medium and High Temperature versions: 200°C and 170°C
- Fully compatible with Kintec and GE Tensor layouts



RoHS Compliant

For quantities greater than listed, call for quote.



MOUSER STOCK NO.	Amphenol Part No.	Number of Contacts	Length (In.)	Price Each	
				1	5
High Temperature					
654-C10-686909-000	C10-686909-000	6 pin/4 socket	22.40	344.95	296.81
654-C10-686910-000	C10-686910-000	4 pin/6 socket	22.40	344.95	296.81
Medium Temperature					
654-C10-686927-000	C10-686927-000	6 pin/4 socket	22.42	232.53	200.25
654-C10-686928-000	C10-686928-000	4 pin/6 socket	22.42	232.53	200.25

AMPHENOL STRAIGHT BACKSHELLS WITH STRAIN RELIEF CLAMP (AS85049)

- MIL-DTL-38999 SERIES III & IV
- MIL-DTL-5015 CRIMP, MIL-DTL-26482 SERIES II, MIL-DTL-83723 SERIES I & II

NOTE: 90° and 45° angle backshells are available. Contact your Mouser sales representative for more information.



Nickel



Olive Drab Cadmium

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MOUSER STOCK NO.	Amphenol Part No.	Shell Size	Finish*	Price Each			
				1	5	10	25
MIL-DTL-38999 Series III & IV							
523-85049/38-9W	M85049/38-9W	9	OD Cadmium	9.69	8.71	8.55	7.75
523-85049/38-11W	M85049/38-11W	11	OD Cadmium	10.30	9.81	9.22	8.46
523-85049/38-13W	M85049/38-13W	13	OD Cadmium	10.55	10.02	9.43	8.65
523-85049/38-17W	M85049/38-17W	17	OD Cadmium	10.86	10.02	9.55	8.63
523-85049/38-19W	M85049/38-19W	19	OD Cadmium	16.53	15.23	14.32	12.25
523-85049/38-21W	M85049/38-21W	21	OD Cadmium	9.50	9.21	8.10	7.11
523-85049/38-23W	M85049/38-23W	23	OD Cadmium	12.95	12.89	11.33	10.19
523-85049/38-25W	M85049/38-25W	25	OD Cadmium	11.01	10.67	9.53	8.49
523-85049/38-9N	M85049/38-9N	9	Nickel	8.53	7.48	7.41	6.63
523-85049/38-11N	M85049/38-11N	11	Nickel	8.80	8.08	7.65	6.83
523-85049/38-13N	M85049/38-13N	13	Nickel	8.50	8.02	7.39	6.61
523-85049/38-15N	M85049/38-15N	15	Nickel	10.78	10.07	9.63	8.82
523-85049/38-17N	M85049/38-17N	17	Nickel	12.05	11.59	9.86	9.02
523-85049/38-19N	M85049/38-19N	19	Nickel	9.95	8.91	8.63	7.69
523-85049/38-21N	M85049/38-21N	21	Nickel	10.30	9.21	8.92	7.95
523-85049/38-23N	M85049/38-23N	23	Nickel	10.68	9.90	8.55	7.89
523-85049/38-25N	M85049/38-25N	25	Nickel	10.96	10.65	9.49	8.45
MIL-DTL-38999 Series III & IV Self-Locking							
523-85049/38S9W	M85049/38S9W	9	OD Cadmium	14.55	13.32	12.84	11.64
523-85049/38S11W	M85049/38S11W	11	OD Cadmium	11.94	11.58	11.18	9.93
523-85049/38S13W	M85049/38S13W	13	OD Cadmium	14.38	13.02	12.55	11.26
523-85049/38S15W	M85049/38S15W	15	OD Cadmium	12.84	11.21	10.94	9.60
523-85049/38S17W	M85049/38S17W	17	OD Cadmium	14.30	13.64	12.33	10.95
523-85049/38S19W	M85049/38S19W	19	OD Cadmium	15.77	14.68	13.59	12.05
523-85049/38S21W	M85049/38S21W	21	OD Cadmium	16.32	15.22	14.06	12.18
523-85049/38S23W	M85049/38S23W	23	OD Cadmium	16.45	15.55	14.41	13.01
523-85049/38S25W	M85049/38S25W	25	OD Cadmium	17.43	15.75	15.00	13.28
523-85049/38S9N	M85049/38S9N	9	Nickel	12.30	11.17	10.63	9.45
523-85049/38S11N	M85049/38S11N	11	Nickel	13.69	11.59	10.96	10.74
523-85049/38S13N	M85049/38S13N	13	Nickel	13.10	12.12	11.31	10.05
523-85049/38S15N	M85049/38S15N	15	Nickel	14.54	13.00	12.69	11.38
523-85049/38S17N	M85049/38S17N	17	Nickel	13.33	12.91	11.65	9.99
523-85049/38S19N	M85049/38S19N	19	Nickel	14.44	13.42	12.45	11.05
523-85049/38S23N	M85049/38S23N	23	Nickel	16.95	15.60	14.74	13.18
523-85049/38S25N	M85049/38S25N	25	Nickel	17.08	15.95	14.70	13.03

* Black RoHS finish is available. Contact your Mouser sales representative for more information.

MOUSER STOCK NO.	Amphenol Part No.	Shell Size	Finish*	Price Each			
				1	5	10	25
MIL-DTL-5015 Crimp, MIL-DTL-26482 Series II, MIL-DTL-83723 Series I & II							
523-85049/52-1-8W	M85049/52-1-8W	8	OD Cadmium	9.03	8.52	7.21	6.85
523-85049/52-1-10W	M85049/52-1-10W	10	OD Cadmium	9.26	9.21	7.89	7.03
523-85049/52-1-12W	M85049/52-1-12W	12	OD Cadmium	11.51	10.89	9.26	8.37
523-85049/52-1-14W	M85049/52-1-14W	14	OD Cadmium	14.25	13.26	12.25	8.45
523-85049/52-1-16W	M85049/52-1-16W	16	OD Cadmium	12.04	11.89	9.71	8.76
523-85049/52-1-18W	M85049/52-1-18W	18	OD Cadmium	9.80	9.23	8.09	7.07
523-85049/52-1-20W	M85049/52-1-20W	20	OD Cadmium	10.60	9.85	9.18	8.18
523-85049/52-1-22W	M85049/52-1-22W	22	OD Cadmium	10.19	10.11	8.49	7.43
523-85049/52-1-8N	M85049/52-1-8N	8	Nickel	8.30	7.88	7.22	6.46
523-85049/52-1-10N	M85049/52-1-10N	10	Nickel	9.00	8.46	7.96	7.23
523-85049/52-1-12N	M85049/52-1-12N	12	Nickel	12.28	9.30	7.12	6.37
523-85049/52-1-14N	M85049/52-1-14N	14	Nickel	9.41	8.92	8.32	7.54
523-85049/52-1-16N	M85049/52-1-16N	16	Nickel	12.86	12.04	11.02	9.16
523-85049/52-1-18N	M85049/52-1-18N	18	Nickel	8.87	8.40	7.71	6.89
523-85049/52-1-20N	M85049/52-1-20N	20	Nickel	9.74	9.65	8.45	7.54
523-85049/52-1-22N	M85049/52-1-22N	22	Nickel	10.27	9.19	8.90	7.94
523-85049/52-1-24N	M85049/52-1-24N	24	Nickel	9.85	9.55	8.39	7.37
MIL-DTL-5015 Crimp, MIL-DTL-26482 Series II, MIL-DTL-83723 Series I & II Self Locking							
523-85049/52S10W	M85049/52S10W	10	OD Cadmium	15.92	14.76	13.67	12.42
523-85049/52S12W	M85049/52S12W	12	OD Cadmium	17.36	15.22	14.94	13.23
523-85049/52S14W	M85049/52S14W	14	OD Cadmium	18.01	17.08	13.94	12.48
523-85049/52S16W	M85049/52S16W	16	OD Cadmium	18.35	16.16	15.78	13.97
523-85049/52S18W	M85049/52S18W	18	OD Cadmium	18.88	17.54	16.23	14.37
523-85049/52S20W	M85049/52S20W	20	OD Cadmium	14.05	13.62	13.21	13.01
523-85049/52S22W	M85049/52S22W	22	OD Cadmium	15.01	14.55	14.12	13.64
MIL-DTL-38999 Series I & II							
523-85049/49-2-10W	M85049/49-2-10W	10	OD Cadmium	8.16	7.91	7.23	6.89
523-85049/49-2-12W	M85049/49-2-12W	12	OD Cadmium	10.96	10.64	10.35	9.70
523-85049/49-2-14W	M85049/49-2-14W	14	OD Cadmium	12.90	12.56	12.14	9.34
523-85049/49-2-16W	M85049/49-2-16W	16	OD Cadmium	8.73	8.46	7.98	7.28
523-85049/49-2-10N	M85049/49-2-10N	10	Nickel	7.99	7.66	7.45	6.88
523-85049/49-2-14N	M85049/49-2-14N	14	Nickel	7.90	7.72	7.32	6.71
523-85049/49-2-16N	M85049/49-2-16N	16	Nickel	7.76	7.52	7.16	6.53
523-85049/49-2-18N	M85049/49-2-18N	18	Nickel	10.66	10.02	9.92	9.13
523-85049/49-2-20N	M85049/49-2-20N	20	Nickel	11.12	10.13	9.03	8.21
MIL-DTL-38999 Series I & II Self-Locking							
523-85049/49-2S10W	M85049/49-2S10W	10	OD Cadmium	14.52	13.36	12.15	11.13
523-85049/49-2S16W	M85049/49-2S16W	16	OD Cadmium	16.11	14.82	13.47	13.01

Circular Connectors Amphenol

ENVIRONMENTALLY SEALED IN-LINE JUNCTIONS/LUMINOUS CONNECTORS

- Developed to meet MIL-T-81714 criteria
- Environmental sealing that meets ECA
- EIA-364D-03B to 12,000 feet
- Lock firmly together with straight push
- Unlock with a "twist and pull" (single splice) or "squeeze and pull" (triple splice)
- Accepts standard MIL-DTL-39029 contacts



RoHS Compliant



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MOUSER STOCK NO.	Amphenol Part No.	Description	Dia. (in.)	Mated Lgth (in.)	Price Each		
					1	10	25
523-SJS716110	SJS716110	Single Splice Plug, Size 16; Red	0.39	1.65	12.59	9.76	8.56
523-SJS716200	SJS716200	Single Splice Receptacle, Size 16, Blue	0.43	1.65	9.56	7.41	7.00
523-SJS816100	SJS816100	Triple Splice Plug, Size 16, Red	0.70	1.60	13.48	10.45	9.17
523-SJS816210	SJS816210	Triple Splice Receptacle, Size 16, White	0.70	1.60	11.53	8.94	7.84
523-SJS820100	SJS820100	Triple Splice Plug, Size 20, Red	0.70	1.68	13.48	10.45	9.17
523-SJS820120	SJS820120	Triple Splice Plug, Size 20, Blue	0.70	1.68	13.48	10.45	9.17
523-SJS820200	SJS820200	Triple Splice Receptacle, Size 20, Red	0.70	1.68	12.66	8.95	7.85



TERRAPIN MINIATURE RUGGED CONNECTOR SERIES

- Silent push/pull to mate and unmate
- IP68 mated and unmated
- 2000 mating cycles
- Proprietary Thermoplastic Polyester Elastomer

* Accessories are available- please contact Mouser sales representative for more information.



RoHS Compliant



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MOUSER STOCK NO.	Amphenol Part No.	Shell Size	Contacts	Color	Contact Type	Plug/Receptacle*	Price Each	
							1	5
523-SCE2B76A0607SN1	SCE2B76A0607SN001	6	7	Black/Silver	Socket	Plug	49.91	44.54
523-SCE2B76A0714SN1	SCE2B76A0714SN001	7	14	Black/Silver	Socket	Plug	53.52	47.75
523-SCE2B76A0714SN2	SCE2B76A0714SN002	7	14	Black/Silver	Socket	Plug	58.02	51.77
523-SCE2B76A0819SN1	SCE2B76A0819SN001	8	19	Black/Silver	Socket	Plug	87.36	77.95
523-SCE2B76A0819SN2	SCE2B76A0819SN002	8	19	Black/Silver	Socket	Plug	108.69	100.58
523-SCE2BL1K0607PN	SCE2BL1K0607PN	6	7	Black/Silver	Pin	Receptacle	66.15	59.87
523-SCE2B01K0714PN	SCE2B01K0714PN	7	14	Black/Silver	Pin	Receptacle	63.12	56.32
523-SCE2BL1K0714PN	SCE2BL1K0714PN	7	14	Black/Silver	Pin	Receptacle	56.52	50.43