

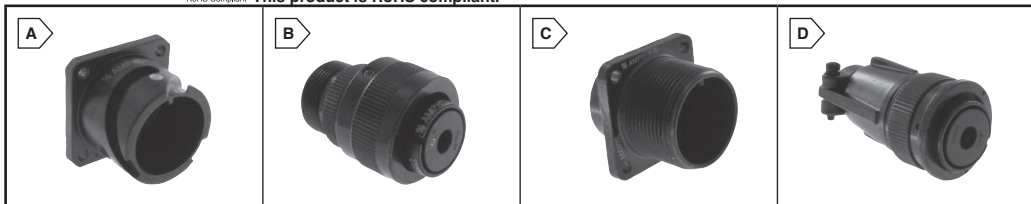
AMPHENOL Circular Connectors

Amphenol®

ROHS Compliant This product is RoHS compliant.

RADSOK® AMPHE-POWER® GT

- Features:**
- IP67 rating
 - Supports 50A to 1000A continuous duty
 - Ideal for wind energy applications



Mating Receptacles

For quantities greater than listed, call for quote.

Reverse Bayonet Straight Plugs

For quantities greater than listed, call for quote.

No. of Pos.	Insert	Contact Size	Wire Range	MOUSER STOCK NO.	Amphenol Part No.	Fig.	Contact Type	Price Each		MOUSER STOCK NO.	Amphenol Part No.	Fig.	Contact Type	Price Each	
								1	5					1	5
1	18-7	#8	8 AWG	654-GTC03018-7P025	GTC03018-7P(025)	A	Pin	24.24	20.98	654-GTC06F187SRDS	GTC06F18-7S(RDS)(025)	B	RADSOK	58.72	52.50
2	22-1	#8	8 AWG	654-GTC03022-1P025	GTC03022-1P(025)	A	Pin	29.91	28.70	654-GTC06F221SRDS	GTC06F22-1S(RDS)(025)	B	RADSOK	73.08	70.58
3	20-19	#8	8 AWG	654-GTC03020-19P025	GTC03020-19P(025)	A	Pin	34.85	31.81	654-GTC06F2019SRDS	GTC06F20-19S(RDS)(025)	B	RADSOK	76.29	70.67
1	16-12	#4	4 AWG	654-GTC03016-12P025	GTC03016-12P(025)	A	Pin	60.97	57.31	654-GTC06F1612SRDS	GTC06F16-12S(RDS)(025)	B	RADSOK	64.24	58.65
1	22-7	#0	0 AWG	654-GTC03022-7P025	GTC03022-7P(025)	A	Pin	22.05	19.45	654-GTC06F227SRDS	GTC06F22-7S(RDS)(025)	B	RADSOK	115.01	84.73
4	36-5	#0	0 AWG	654-GTC03036-5P025	GTC03036-5P(025)	A	Pin	58.03	46.01	654-GTC06F365SRDS	GTC06F36-5S(RDS)(025)	B	RADSOK	320.88	305.65

Mating Box Mount Receptacles

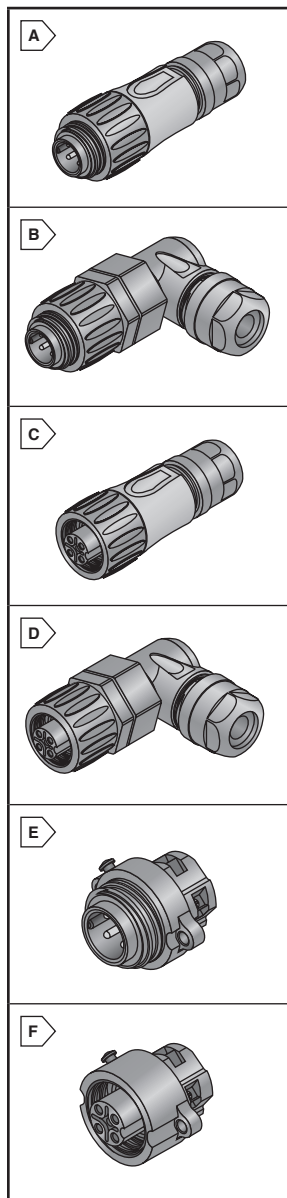
Straight Plugs

No. of Pos.	Insert	Contact Size	Wire Range	MOUSER STOCK NO.	Amphenol Part No.	Fig.	Contact Type	Price Each		MOUSER STOCK NO.	Amphenol Part No.	Fig.	Contact Type	Price Each	
								1	5					1	5
2	22-1	#8	8 AWG	654-ACC02E22-1P025	ACC02E22-1P(025)	C	Pin	25.34	24.28	654-ACC06E22-1R025	ACC06E22-1R(025)	D	RADSOK	42.73	39.34
3	20-19	#8	8 AWG	654-ACC02E20-19P025	ACC02E20-19P(025)	C	Pin	29.56	28.32	654-ACC06E20-19R025	ACC06E20-19R(025)	D	RADSOK	38.54	36.92
4	22-22	#8	8 AWG	654-ACC02E22-22P025	ACC02E22-22P(025)	C	Pin	34.59	31.48	654-ACC06E22-22R025	ACC06E22-22R(025)	D	RADSOK	56.67	54.98
1	16-12	#4	4 AWG	654-ACC02E16-12P025	ACC02E16-12P(025)	C	Pin	16.30	14.38	654-ACC06E16-12R025	ACC06E16-12R(025)	D	RADSOK	39.82	35.65
4	32-17	#4	4 AWG	654-ACC02E32-17P025	ACC02E32-17P(025)	C	Pin	40.71	35.81	654-ACC06E32-17R025	ACC06E32-17R(025)	D	RADSOK	81.81	80.25
1	22-7	#0	0 AWG	654-ACC02E22-7P025	ACC02E22-7P(025)	C	Pin	20.07	17.72	654-ACC06E22-7R025	ACC06E22-7R(025)	D	RADSOK	72.90	64.32
2	32-5	#0	0 AWG	654-ACC02E32-5P025	ACC02E32-5P(025)	C	Pin	63.03	52.53	654-ACC06E32-5R025	ACC06E32-5R(025)	D	RADSOK	139.96	134.36
4	36-5	#0	0 AWG	654-ACC02E36-5P025	ACC02E36-5P(025)	C	Pin	113.98	75.99	654-ACC06E36-5R025	ACC06E36-5R(025)	D	RADSOK	223.17	196.93

ECO MATE CIRCULAR CONNECTORS, SERIES C16-M

The Eco mate Series is designed to have ease of operation using reduced dimensions while withstanding harsh conditions. This series is compatible and interchangeable with the well established C16-1 Series. The connector is primarily used for measuring and controlling applications such as control technology for engineering; Ideal for green energy applications.

- Features:**
- Quick and easy assembly
 - Vibration safe with non-sensitive screw locking
 - Ergonomic coupling sleeve for better grip and safer handling
 - Pre-loaded ground contact
 - Screwed cable gland with clamping ring; threaded cable gland
- Specifications:**
- Cable O.D.: 6 - 12.5mm
 - Contact Plating: Silver
 - IP Degree: IP65/IP67 (DIN EN 60529)
 - Temperature range: -40°C to +100°C



Cable Connectors

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	No. of Contacts	Plating	Color	Termination Type	Voltage	Current	AWG Size	Price Each		
										1	10	50
Male, Straight with Clamping Ring												
523-C01620H00310010	C016 20H003 100 10	A	3 + PE	Silver	Blue	Screw	400V	16A	14	8.76	7.76	7.29
523-C01620H00310012	C016 20H003 100 12	A	3 + PE	Silver	Black	Screw	400V	16A	14	8.59	7.62	7.15
523-C01620H00320010	C016 20H003 200 10	A	3 + PE	Gold	Blue	Screw	400V	12A	14	13.06	11.41	10.69
523-C01620H00320012	C016 20H003 200 12	A	3 + PE	Gold	Black	Screw	400V	12A	14	13.06	11.41	10.69
523-C01630H00610010	C016 30H006 100 10	A	6 + PE	Silver	Blue	Solder	250V	10A	20	9.50	8.30	7.67
523-C01630H00610012	C016 30H006 100 12	A	6 + PE	Silver	Black	Solder	250V	10A	20	9.40	8.21	7.59
523-C01630H00620010	C016 30H006 200 10	A	6 + PE	Gold	Blue	Solder	250V	8A	20	12.43	11.01	10.27
Male, Straight with Internal Strain Relief												
523-C01620H00311010	C016 20H003 110 10	A	3 + PE	Silver	Blue	Screw	400V	16A	14	9.30	8.24	7.73
523-C01620H00311012	C016 20H003 110 12	A	3 + PE	Silver	Black	Screw	400V	16A	14	9.28	8.23	7.72
523-C01630H00611010	C016 30H006 110 10	A	6 + PE	Silver	Blue	Solder	250V	10A	20	10.39	9.08	8.37
523-C01630H00611012	C016 30H006 110 12	A	6 + PE	Silver	Black	Solder	250V	10A	20	10.38	9.07	8.36
Male, Right Angle with Clamping Ring												
523-C01620K00310012	C016 20K003 100 12	B	3 + PE	Silver	Black	Screw	400V	16A	14	14.04	13.21	11.97
523-C01630K00610012	C016 30K006 100 12	B	6 + PE	Silver	Black	Solder	250V	10A	20	14.76	13.88	12.58
Female, Straight with Clamping Ring												
523-C01620D00310010	C016 20D003 100 10	C	3 + PE	Silver	Blue	Screw	400V	16A	14	7.95	7.05	6.60
523-C01620D00310012	C016 20D003 100 12	C	3 + PE	Silver	Black	Screw	400V	16A	14	7.95	7.05	6.60
523-C01620D00320012	C016 20D003 200 12	C	3 + PE	Gold	Black	Screw	400V	12A	14	13.52	12.72	11.52
523-C01630D00610010	C016 30D006 100 10	C	6 + PE	Silver	Blue	Solder	250V	10A	20	10.40	9.55	8.81
523-C01630D00610012	C016 30D006 100 12	C	6 + PE	Silver	Black	Solder	250V	10A	20	10.40	9.51	8.81
Female, Straight with Internal Strain Relief												
523-C01620D00311010	C016 20D003 110 10	C	3 + PE	Silver	Blue	Screw	400V	16A	14	9.05	8.01	7.53
523-C01620D00311012	C016 20D003 110 12	C	3 + PE	Silver	Black	Screw	400V	16A	14	9.05	8.01	7.53
523-C01630D00611010	C016 30D006 110 10	C	6 + PE	Silver	Blue	Solder	250V	10A	20	11.44	10.50	9.70
523-C01630D00611012	C016 30D006 110 12	C	6 + PE	Silver	Black	Solder	250V	10A	20	12.02	10.51	9.71
523-C01630D00621010	C016 30D006 210 10	C	6 + PE	Gold	Blue	Solder	250V	8A	20	16.72	14.56	13.69
Female, Right Angle with Clamping Ring												
523-C01620F00310010	C016 20F003 100 10	D	3 + PE	Silver	Blue	Screw	400V	16A	14	14.94	14.06	12.74
523-C01620F00310012	C016 20F003 100 12	D	3 + PE	Silver	Black	Screw	400V	16A	14	14.91	14.06	12.74
523-C01630F00610010	C016 30F006 100 10	D	6 + PE	Silver	Blue	Solder	250V	10A	20	18.70	16.35	15.10
523-C01630F00610012	C016 30F006 100 12	D	6 + PE	Silver	Black	Solder	250V	10A	20	18.81	15.82	14.34

Panel Receptacles

For quantities greater than listed, call for quote.

Male												
MOUSER STOCK NO.	Amphenol Part No.	Fig.	No. of Contacts	Plating	Color	Termination Type	Voltage	Current	AWG Size	Price Each		
523-C01610C00600012	C016 10C006 000 12	E	6 + PE	Silver	Black	Crimp	250V	13A	14	2.75	2.53	2.35
523-C01620C00310012	C016 20C003 100 12	E	3 + PE	Silver	Black	Screw	400V	16A	14	6.68	5.92	5.54
523-C01630C00610012	C016 30C006 100 12	E	6 + PE	Silver	Black	Solder	250V	10A	20	8.26	7.32	6.86
Female												
523-C01620G00310012	C016 20G003 100 12	F	3 + PE	Silver	Black	Screw	400V	16A	14	7.47	6.62	6.21
523-C01630G00610012	C016 30G006 100 12	F	6 + PE	Silver	Black	Solder	250V	10A	20	8.98	7.66	7.19

Protective Caps

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Description	Price Each		
			1	10	50
523-C01600U00001012	C016 00U000 010 12	Protective Cover for Male Cable Connector	5.80	5.14	4.82
523-C01600U000001012	C016 00U000 000 12	Protective Cover for Male Receptacle	5.23	4.64	4.35
523-C01600V00001012	C016 00V000 010 12	Protective Cover for Female Cable Connector	5.03	4.46	4.18
523-C01600V000001012	C016 00V000 000 12	Protective Cover for Female Receptacle	7.22	6.38	6.00
523-C01600V00000101	C016 00V000 000 1	Protective Cover for Female Receptacle	5.48	4.65	4.38