

AMPHENOL RADSOK® Circular Connectors Amphenol®



This product is RoHS compliant.

VORTEX RADSOK® GT POWER CONNECTORS FOR WIND ENERGY TECHNOLOGIES

The Vortex GT is a GT shell type connector with Reverse Bayonet Coupling with RADSOK® technology. The RADSOK's strongest benefit is its very low milli-volt drop and minimized temperature rise when transmitting high current. The 18mm and 8mm RADSOK sockets are used for high amperage applications such as electrical generators, fuel cells, load banks, and charging systems.



Features and Benefits:

- Used for "Green" renewable energy
- Crimp termination
- Silver plated contacts
- Current: 800A
- Voltage: DC 470/600V
- Operation Temperature: -20 - 120°F
- Life cycle: >=2000
- 1/4 turn mating
- Quick positive coupling
- Audible, tactile, and visual indication of full coupling
- Easily adaptable
- High amperage applications
- Designed to meet UL, TUV and GT series and Radsok standards



RoHS Compliant



For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Description	Price Each	
			1	5
Receptacles				
654-V03TN	V03TN	Threaded 180 Degree Normal Keying	107.94	98.13
654-V03TW	V03TW	Threaded 120 Degree Rotated Keying	107.94	98.13
654-V03TX	V03TX	Threaded 90 Degree Rotated Keying	107.94	98.13
654-V03TY	V03TY	Threaded 210 Degree Rotated Keying	107.94	98.13
654-V03BN	V03BN	2 Hole Busbar 180 Degree Normal Keying	289.06	262.78
654-V03BW	V03BW	2 Hole Busbar 120 Degree Rotated Keying	289.06	262.78
654-V03BX	V03BX	2 Hole Busbar 90 Degree Rotated Keying	289.06	262.78
654-V03BY	V03BY	2 Hole Busbar 210 Degree Rotated Keying	289.06	262.78
654-V03C3N	V03C3N	Crimp 185 mm Square Cable 180 Degree Normal Keying	119.64	108.76
654-V03C3W	V03C3W	Crimp 185 mm Square Cable 120 Degree Rotated Keying	119.64	108.76
654-V03C3X	V03C3X	Crimp 185 mm Square Cable 90 Degree Rotated Keying	119.64	108.76
654-V03C5N	V03C5N	Crimp 240 mm Square Cable 180 Degree Normal Keying	119.64	108.76
654-V03C5W	V03C5W	Crimp 240 mm Square Cable 120 Degree Rotated Keying	119.64	108.76
654-V03C5X	V03C5X	Crimp 240 mm Square Cable 90 Degree Rotated Keying	119.64	108.76
654-V03C5Y	V03C5Y	Crimp 240 mm Square Cable 210 Degree Rotated Keying	119.64	108.76
Plugs				
654-V06M403N	V06M403N	M40 Metric Adapter 185 mm Square Cable 180 Degree Normal Keying	177.70	161.55
654-V06M403W	V06M403W	M40 Metric Adapter 185 mm Square Cable 120 Degree Rotated Keying	177.70	161.55
654-V06M403X	V06M403X	M40 Metric Adapter 185 mm Square Cable 90 Degree Rotated Keying	177.70	161.55
654-V06M403Y	V06M403Y	M40 Metric Adapter 185 mm Square Cable 210 Degree Rotated Keying	177.70	161.55
654-V06M505N	V06M505N	M50 Metric Adapter 240 mm Square Cable 180 Degree Normal Keying	177.70	161.55
654-V06M505W	V06M505W	M50 Metric Adapter 240 mm Square Cable 120 Degree Rotated Keying	177.70	161.55
654-V06M505X	V06M505X	M50 Metric Adapter 240 mm Square Cable 90 Degree Rotated Keying	177.70	161.55
654-V06M505Y	V06M505Y	M50 Metric Adapter 240 mm Square Cable 210 Degree Rotated Keying	177.70	161.55
654-VTP06RMP025	VTP06RMP025	Standard Tri-Power Plug; Includes Contacts and Wire Positioner	128.14	116.49
654-VTP03RVS025	VTP03RVS025	Standard Tri-Power Receptacle; Includes Contacts and Wire Positioner	90.60	82.36

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RADSOK® RADSERT™ HIGH AMERAGE CONNECTORS

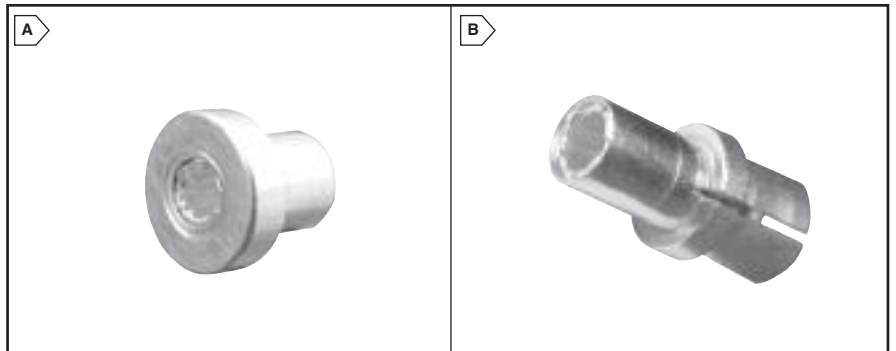
Choose the RADSERT™ design when you need the most power in a single-point connection to the PCB. The RADSERT allows the board designer to bring power to the board from busbars suspended above the board and all of the board components. The RADSERT is press-fit into plated-through holes in the PCB. It provides the smallest footprint and is available in 2.4mm and 3.6mm for board thicknesses of .250"±.025".

Features and Benefits:

- High power to board interconnect in a small package
- Ensures many points of contact
- No special crimp tools needed
- Eliminates risk of PTH cracking or delamination in board
- No threaded fasteners
- Faster put-through
- Solder versions come assembled



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For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Amps	Description	Price Each			
					1	10	25	100
523-C10-642495-241	C10-642495-241	A	35	2.4mm Solder w/ .125" Diameter Top Flange; Silver Plate	6.45	5.55	5.28	5.00
523-C10-665340-001	C10-665340-001	A	35	2.4mm Solder w/ .290" Diameter Top Flange	6.45	5.55	5.28	4.92
523-C10-642865-001	C10-642865-001	A	70	3.6mm Solder w/ .450" Diameter Short; Heavier Body .159"	6.65	6.15	5.50	4.96
523-C10-665213-001	C10-665213-001	A	70	3.6mm Solder w/ .350" Diameter Top Flange; Silver Plate	6.75	6.27	5.56	4.96
523-C10-665215-001	C10-665215-001	A	70	3.6mm Solder w/ .450" Diameter Flange; Silver Plated; Thin Body	6.24	5.56	4.96	4.91
523-C10-642449-001	C10-642449-001	B	70	3.6mm (One Piece) Short, Pre-loaded Single w/ Silver Plate .250"	6.80	5.88	5.32	5.27
523-C10-639772-001	C10-639772-001	B	35	2.4mm (One Piece), Pre-loaded Single w/ Silver Plate .250"	6.95	6.02	5.77	5.61