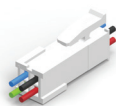
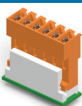


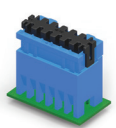
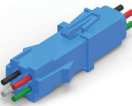


# POWER INTERCONNECT PRODUCTS



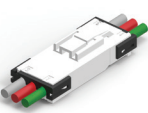


## Wire to Wire and Wire to Board Options

	Centerline (mm)	Current Rating	Voltage Rating	Wire Size (AWG)	Position Size	Configurations	Operating Temp. Range °C	Flammability	Approvals	Features
<b>Micro MATE-N-LOK Connectors</b>										
	3.00	5	250 VAC	30-18	2-24	Wire to Wire Wire to Board Wire to Panel	-40°C to +105°C	UL 94 V0 & V2 GWEPT 750°C NF Version available for headers	UL, CSA, VDE	45% lower profile version available, surface-mount header configuration, dual beam contact design
<b>MTA 156 IDC Connectors</b>										
	3.96	7	600 VAC	26-18	2-24	Wire to Wire Wire to Board	-55°C to +105°C	UL 94 V0 & V2 UL 1410	UL, CSA	Friction lock headers for positive mating
<b>SL-156 Crimp Connectors</b>										
	3.96	10	250 VAC	30-16	1-16	Wire to Board Not Mating MTA Shrouded Headers	-55°C to +105°C	UL 94 V0 UL 1410	UL, CSA	TPA & friction lock headers for positive mating
<b>Economy Power Connectors &amp; Economy Power II Connectors</b>										
	3.96	8 (1p) -7.5	250 VAC	22-18	2-12	Wire to Board Shrouded Headers Unshrouded Headers	-25°C to +105°C	GWEPT 750°C UL 94 V0	UL, CSA	TPA (EP II), inspection window for electrical check, lubricated contact external robust locking latch
	5.08	7.5	250 VAC							
	7.92		250 VAC							
	3.96	11	600 VAC	22-16					UL	
<b>Grace Inertia Connectors</b>										
	3.30	4	250 VAC	24-20	2, 3, 4, 6	Wire to Board	-30°C to +105°C	UL 94 V0	UL, CSA	TPA, color & keying options, Grace Inertia lock prevents half mating, half mating easily detect design  Grace Inertia lock prevents half mating, half mating easily detect design
	3.50	7	300 VAC	26-18	2, 3, 4, 6	Wire to Wire		UL 94 V0		
	6.00	10	600 VAC	24-16	2, 3	Wire to Board		UL 94 V0		
	6.20	20	600 VAC	16-12	1, 2, 3	Wire to Wire		UL 94 V0 CTI600V		
	6.50	10	300 VAC	24-16	3	Wire to Board		UL 94 V0		
	7.92	10	300 VAC	24-16	2	Wire to Board		UL 94 V0		
	9.00	20	600 VAC	16-12	3	Wire to Board		UL 94 V0		
	12.40	20	600 VAC	16-12	2	Wire to Board		UL 94 V0		
<b>Mini-Universal MATE-N-LOK Connectors and Mini-Universal MATE-N-LOK II Connectors</b>										
	4.14	9.5 (both) 10.5 (II)	600 VAC or VDC	30-16	1-4, 6, 9, 12, 15 (WTW) 2-24 (WTB)	Wire to Wire Wire to Board	-55°C to +105°C	UL 94 V0 & V2	UL, CSA, (250V Max.) UL, CSA, VDE (II)	Sealed version

CONTINUED ON NEXT PAGE

# Power Interconnect Products

Wire to Wire and Wire to Board Options

	Centerline (mm)	Current Rating	Voltage Rating	Wire Size (AWG)	Position Size	Configurations	Operating Temp. Range °C	Flammability	Approvals	Features
<b>VAL-U-LOK Connectors</b>										
	4.20	9	600 VAC	26-18	2-24	Wire to Wire Wire to Board Wire to Panel	-40°C to +105°C	UL 94 V0, V2, GWEPT 750°C NF and V0 available soon	UL, CSA, VDE	TPA
<b>Power Key Connectors</b>										
	5.00	10	300 VAC	24-16	2, 3, 4, 6	Wire to Board	-30°C to +105°C	UL 94 V0 & V2, GWEPT 750°C NF	UL, CSA	TPA, four colors and keyings, potting compatible, lanceless contacts
<b>Power Double Lock (PDL) Connectors</b>										
	3.96	14	300 VAC (3.96 WTW, 6.5 WTB, 7.92 WTB), 50 VAC (3.96 WTB)	26-16	1-12	Wire to Wire Wire to Board Wire to Panel	-30°C to +105°C	GWEPT 750°C & UL 94 V0	UL, CSA, VDE	TPA, different colors, potting compatible, solder tail kink, mis-mating preventing design
	6.5				3-12					
	7.92				2					
	13.00				2					
<b>Commercial MATE-N-LOK Connectors</b>										
	5.08	19	600 VAC	30-14	1-16	Wire to Wire Wire to Board	-55°C to +105°C	UL94-V2	UL, CSA	Dual locking lances
<b>POWER TRIPLE LOCK Connectors</b>										
	6.00	20	600 VAC or VDC	12-20 2x18 2-22	2-15	Wire to Wire Wire to Panel Wire to Board MFBL	-55°C to +105°C HT 150°C	GWEPT 750°C & UL 94 V0, High Temperature 150°C	UL, CSA	CPA, TPA color specific keyings & polarizations
<b>Universal MATE-N-LOK &amp; Universal Connectors MATE-N-LOK II Connectors</b>										
	6.35	19	600 VAC or VDC	30-10	1-15 2-15 (II)	Wire to Wire Wire to Board Board to Board	-55°C to +105°C 125°C	UL 94 V0, V2 & GWEPT 750°C	UL, CSA, VDE	Sealed version

Additional glow wire compatible connectors are available upon request.

Current rating is application dependent—what is shown in the chart is for reference purpose only. For details, always refer to the product catalogue 82181 (Rev 4-08) and relevant customer drawings.

Material option according to IEC 60335-1 available.

## visit [www.te.com/appliances](http://www.te.com/appliances)

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