



POWER SOLUTIONS GUIDE

EQUIPPED FOR THE FUTURE

TE Connectivity has a broad power connector portfolio including busbar power distribution, power supply interconnects, wire-to-board and backplane power solutions. We offer a variety of options for both low and high-power applications, with some solutions capable of carrying up to 500A. Our large portfolio can help enable end-to-end connectivity in your design with high performance products. A large manufacturing footprint can allow us to deliver consistent and high-quality products for fast design cycles on a global scale. We have an experienced engineering team that helps drive innovation through new types of designs and applications.

APPLICATIONS:



Base Stations



Data Centers



Data Center Switching & Routers



Data Center Storage



Test and Measurement



UAV/Drones



Remote Radio Units (RRU)



Electric Car Charging Stations

PRODUCT FAMILIES:

Internal Power



KEY APPLICATIONS

Storage, Router, Switch, Server, Base Station, Data Center, Backplane, Mezzanine, Co-Planar



Power Supply



KEY APPLICATIONS

All power supply interconnects including board-to-board, cable-to-board, cable-to-cable



Power Distribution



KEY APPLICATIONS

Any Point-to-Point or Multi-point distribution of power within a system over a cable or busbar



Quick Connect Power



KEY APPLICATIONS

Control system, battery, EV, industry, military, sport devices



PRODUCT	Application Style					Application Type		Current per Contact (Amperage)
	Wire-to-Wire	Wire-to-Board	Board-to-Board	Card Edge	Busbar	Power Only	Power & Signal	
POWER SUPPLY INTERCONNECT								
SEC-II & SEC-II POWER			■	■		■	■	4A & 25A
MINIPAK HDL			■			■	■	25A
MULTI-BEAM CE			■	■		■	■	25A
HD Card Edge			■	■			■	25A
HD+ Card Edge			■	■			■	25A
CROWN EDGE			■	■		■	■	25A
Mini CROWN EDGE			■	■		■	■	25A
MINIPAK & FLATPAQ			■			■	■	50A
MULTI-BEAM XL	■	■	■			■	■	55A
MULTI-BEAM XLE	■	■	■			■	■	75A
SLIDING POWER			■			■		75A
MULTI-BEAM HD			■			■	■	135A
MULTI-BEAM Plus *			■			■	■	140A
SYSTEM INTERNAL POWER INTERCONNECT								
ELCON Micro		■				■		12.5A
Universal Power Module (UPM)			■			■		<25A
Slim Universal Power Module (UPM) *			■			■		<25A
MINIPAK HDE 2-row Universal Power Module (UPM)			■			■		<25A
Advanced TCA Zone 1			■				■	<25A
MINIPAK HD			■				■	<25A
Mini Power Drawer (MPD)		■				■		<25A
MULTIGIG RT Power could be used for Universal Power Module plus (UPM+)			■			■		25A
ICCON		■	■		■	■		35A
ELCON Mini		■				■		40A
HIGH POWER DISTRIBUTION INTERCONNECT								
High Current MATE-N-LOK II *	■	■				■		32A
Power Taps		■				■		30A
WAVE CRIMP	■	■			■	■		110A
CROWN CLIP Junior				■	■	■		160A
ELCON Drawer	■	■			■	■	■	200A
FORGE Drawer	■					■	■	200A
CROWN CLIP Senior				■	■	■		220A
Pluggable Busbar				■	■	■		250-500A
RAPID LOCK		■			■	■		200A
AMP Power Series	■					■		275A
Busbar Assembly*					■			500A

*Can be used for power shelf/customized power, system/system internal power.
Maximum current rating baseon on 1 single contact.

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