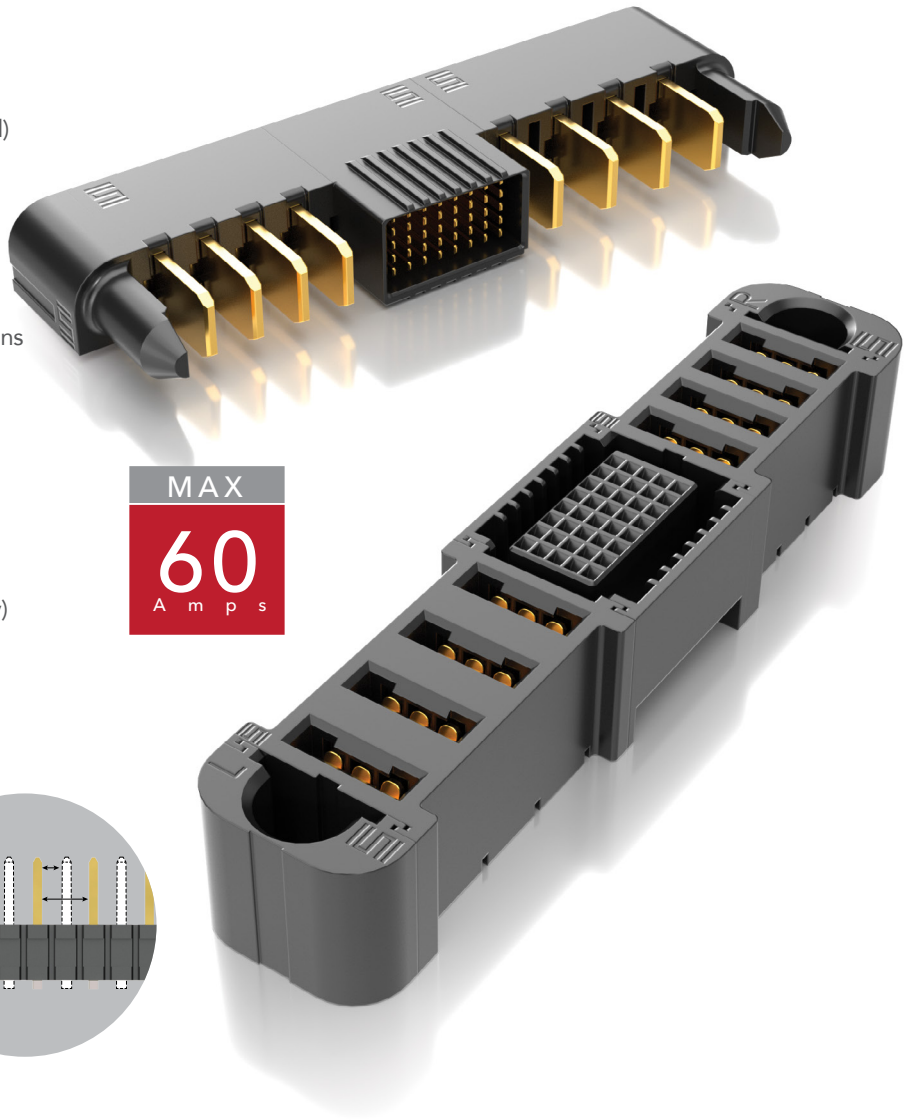
POWER™ STRIP EXTreme Ten60

EXTREME HIGH-POWER 60 A SYSTEMS

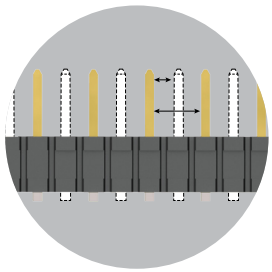
FEATURES & BENEFITS

- Up to 60 A per power blade (2 blades powered)
- Low 10 mm profile (right-angle) for enhanced system airflow
- Power only, or power/signal combinations
- 3 or 5 signal rows in the same form factor
- AC power, DC power, power/signal combinations and split power options available
- Coplanar and perpendicular applications
- Modules can be configured to accommodate most any design
- Rugged guide posts are standard; top design for board space savings
- Press-fit (ET60S only) and hot swap (ET60T only) options available



Standard Creepage*	3.02 mm
Standard Clearance*	1.87 mm

*Selectively loading contacts achieves customer specific creepage and clearance requirements. Contact asp@samtec.com



KEY SPECIFICATIONS (ET60T/ET60S)

PITCH		INSULATOR MATERIAL	TERMINAL MATERIAL	PLATING	OPERATING TEMP RANGE	CURRENT RATING	VOLTAGE RATING	MATING CYCLES	LEAD-FREE SOLDERABLE
Power	(5.50 mm) .217" (7.50 mm) .295"	Black LCP	Signal: Phosphor Bronze Power: Copper Alloy	Au or Sn over 50 µ" (1.27 µm) Ni	-40 °C to +105 °C	60 A (Power Pin) 3.3 A (Signal Pin)	300 VAC/ 424 VDC	500	Yes
Signal	(2.00 mm) .097" (5 row) (2.54 mm) .100" (3 row)								

Notes:
Some lengths, styles and options are non-standard, non-returnable.
*EXTreme Ten60Power™ is a trademark of Molex Incorporated and is dual sourced by Molex®

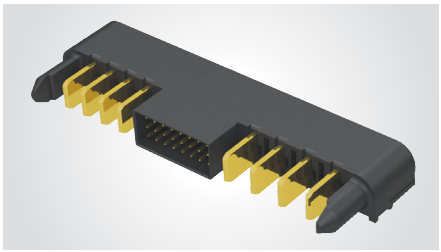
Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.

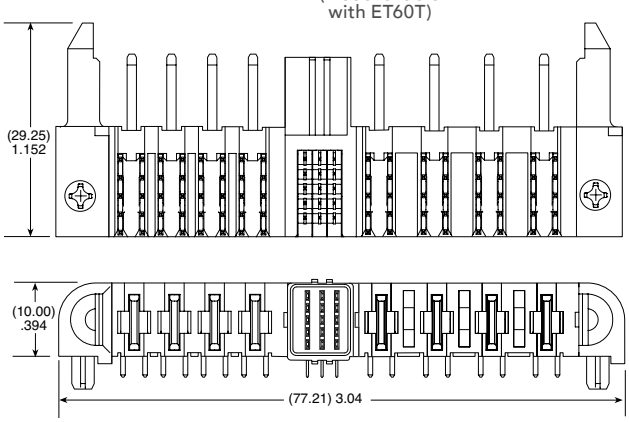
60 A SIGNAL/POWER COMBO SYSTEM

SERIES	POWER OPTION (R)	ROWS	SIGNAL POS. PER ROW	POWER OPTION (L)	PLATING	TAIL	GUIDE POST	OPTION
ET60T Terminal **ET60S** Socket	**–AXX** = AC Power Positions (02 - 06) **–DXX** = DC Power Positions (02 - 10) **–SXX** = Split Power **–000** = No Power	**–0** = No Signal **–3** **–5**	**–00** = No Signal **–08** = 3 Row only **–01, –02, –03, –04, –05, –06, –07, –08** = 5 Row only	**–AXX** = AC Power Positions (02 - 06) **–DXX** = DC Power Positions (02 - 10) **–SXX** = Split Power **–000** = No Power	**–L** = 10 µ" (0.25 µm) Gold on contact, Matte Tin on tail (Not available for 5 rows) **–S** = 30 µ" (0.76 µm) Gold on contact, Matte tin on tail	**–R1** = Right-angle Through-hole (Use with (1.60 mm) .062" thick card) **–VP** = Vertical Press-fit (Not available with ET60T) **–V1** = Vertical Through-hole (Use with (1.60 mm) .062" thick card) (–0 and –3 Row only) (Not available with ET60T)	(Required callout) **–S** = Side Guide Post **–T** = Top Guide Post (Not available with –SXX)	(Leave blank for no hot swap) **–H** = Hot Swap (ET60T only)

ET60T

Board Mates:
ET60S



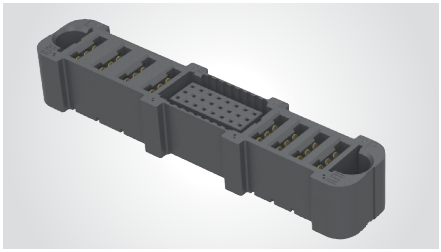


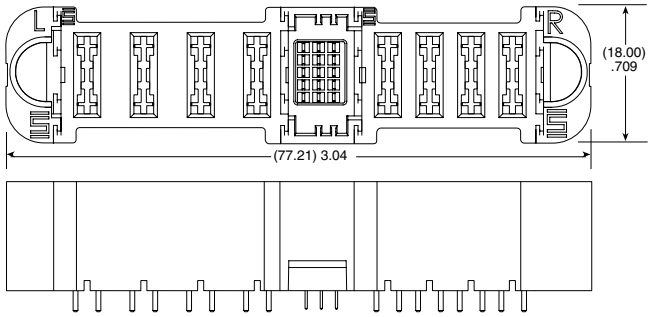
ET60T-D04-5-03-A04-X-R1-S SHOWN

View complete specifications at: **samtec.com?ET60T**

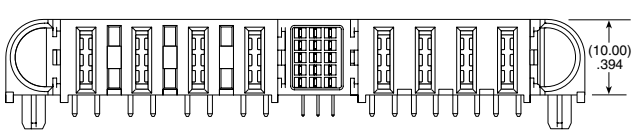
ET60S

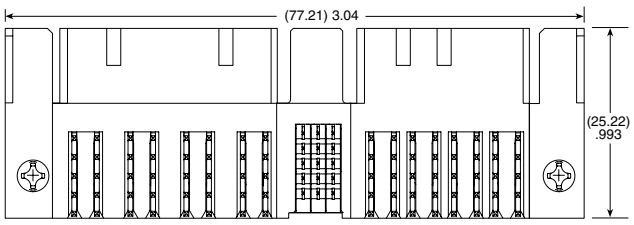
Board Mates:
ET60T





VERTICAL
ET60S-D04-5-03-A04-X-VP-S SHOWN





RIGHT-ANGLE
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Mouser Electronics

Authorized Distributor

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Samtec:

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