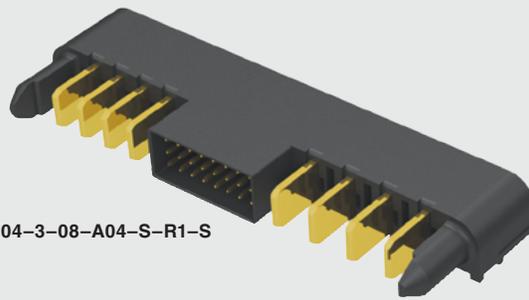




**POWER™ EXTreme**  
**STRIP Ten60**



ET60T-D04-3-08-A04-S-R1-S

# RIGHT-ANGLE POWER/SIGNAL HEADER

Mates with:  
ET60S

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?ET60T](http://www.samtec.com?ET60T)

**Insulator Material:**  
Black LCP

**Terminal Material:**  
Signal: Phosphor Bronze  
Power: Copper Alloy

**Plating:**  
Au or Sn over  
50 μ" (1.27 μm) Ni

**Current Rating:**  
Power: 60 A max per blade  
(2 pins powered)  
Signal: 2.8 A max  
(6 pins powered)

**Operating Temp Range:**  
-40 °C to +105 °C

**Voltage Rating:**  
250 V max

**RoHS Compliant:**  
Yes

## PROCESSING

**Lead-Free Solderable:**  
Yes

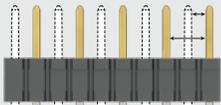
## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594

## CREEPAGE AND CLEARANCE



Selectively loading contacts achieves customer specific creepage and clearance requirements.  
Contact [asp@samtec.com](mailto:asp@samtec.com)

### 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®

### ET60T

### POWER POSITIONS (LEFT)

#### -AXX

= AC Power Positions  
(-02, -03, -04, -05, -06)

#### -DXX

= DC Power Positions  
(-02, -03, -04, -05, -06, -07, -08, -09, -10)

#### -SXX\*

= Split Power

#### -000

= No Power

### ROWS

#### -0

= No Signal

#### -3

= 3 Rows

#### -5

= 5 Rows

### SIGNAL POSITIONS

#### -00

= No Signal

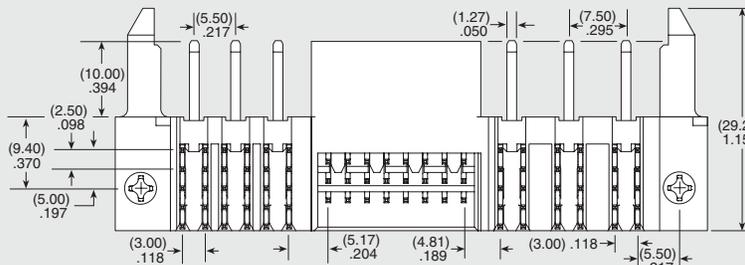
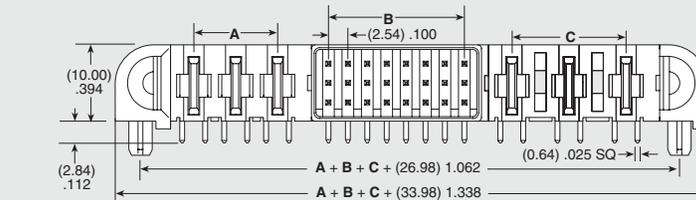
#### -08

= 3 Row only

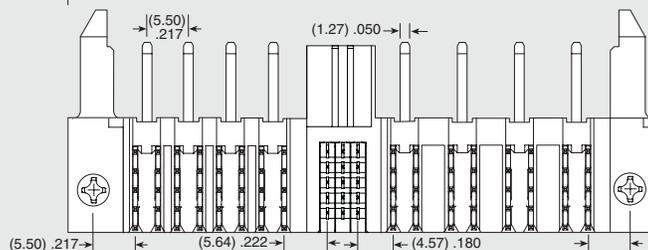
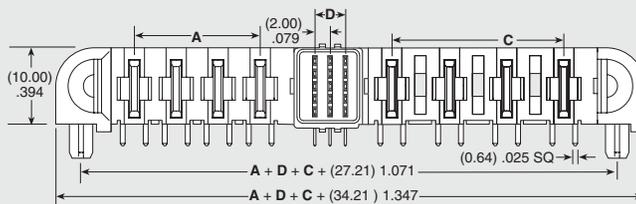
-01, -02, -03, -04,  
-05, -06, -07, -08  
= 5 Row only

### Note:

-SXX\* & -T\* are Preliminary



ET60T-D03-3-08-A03-X-R1-S



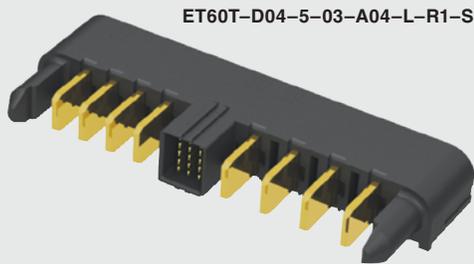
ET60T-D04-5-03-A04-X-R1-S

Due to technical progress, all designs, specifications and components are subject to change without notice.

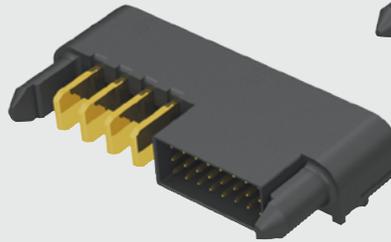
[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications.

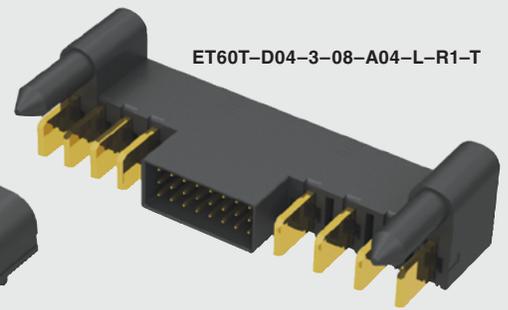
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.



ET60T-D04-5-03-A04-L-R1-S



ET60T-D04-3-08-000-S-R1-S



ET60T-D04-3-08-A04-L-R1-T

**ET60T SERIES**

**POWER POSITIONS (RIGHT)**

- AXX**  
= AC Power Positions  
(-02, -03, -04, -05, -06)
- DXX**  
= DC Power Positions  
(-02, -03, -04, -05, -06, -07, -08, -09, -10)
- SXX\***  
= Split Power
- 000**  
= No Power

Note:  
-SXX\* & -T\* are Preliminary

**PLATING**

- 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

**TAIL**

- R1**  
= Right-angle  
Through-hole  
(Use with  
(1.60 mm) .062"  
thick card)

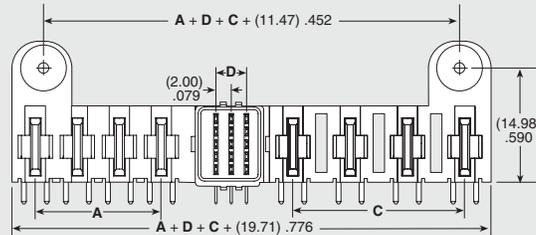
**GUIDE POST**

- (Required callout)
- S**  
= Side  
Guide Post
  - T\***  
= Top  
Guide Post

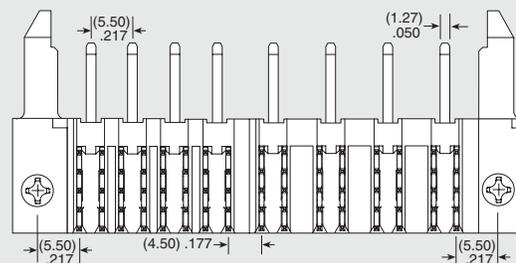
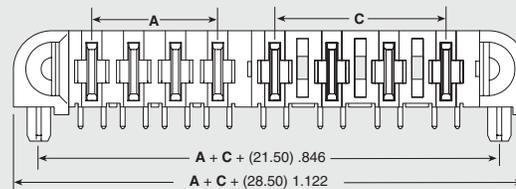
**OPTION**

- H**  
= Hot Swap  
(Leave blank for  
no Hot Swap)

POWER POSITIONS (LEFT)	POWER POSITIONS (RIGHT)	A DC POWER	C AC POWER
-02	-02	(5.50) .217	(7.50) .295
-03	-03	(11.00) .433	(15.00) .591
-04	-04	(16.50) .650	(22.50) .886
-05	-05	(22.00) .866	(30.00) 1.181
-06	-06	(27.50) 1.083	(37.50) 1.476
-07	-07	(33.00) 1.299	N/A
-08	-08	(38.50) 1.516	N/A
-09	-09	(44.00) 1.732	N/A
-10	-10	(49.50) 1.949	N/A



ET60T-D04-5-03-A04-X-R1-T



ET60T-D04-0-00-A04-X-R1-S

SIGNAL POSITIONS PER ROW (3 Row)	B	SIGNAL POSITIONS PER ROW (5 Row)	D
-08	(17.78) .700	-01	N/A
		-02	(2.00) .079
		-03	(4.00) .157
		-04	(6.00) .236
		-05	(8.00) .315
		-06	(10.00) .394
		-07	(12.00) .472
		-08	(14.00) .551

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