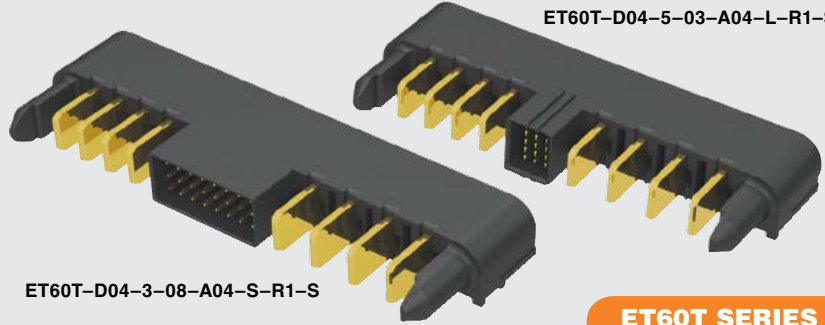




**POWER™ EXTreme  
STRIP Ten60**



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

**ET60T SERIES**

**(5.50 mm) .217" (PWR) (2.54 mm) .100" (SIG)**

# 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 @ 95 °C;  
30 °C temperature rise)  
Signal: 2.8 A max  
(6 pins powered @ 95 °C;  
30 °C temperature rise)

**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)



## ALSO AVAILABLE (MOQ Required)

- Increased creepage and clearance with the removal of contacts
- Hot swappable
- Contact Samtec.

**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

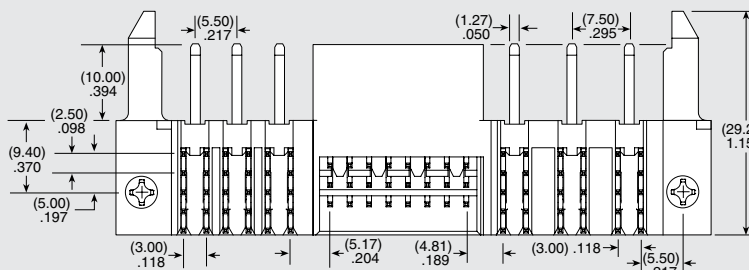
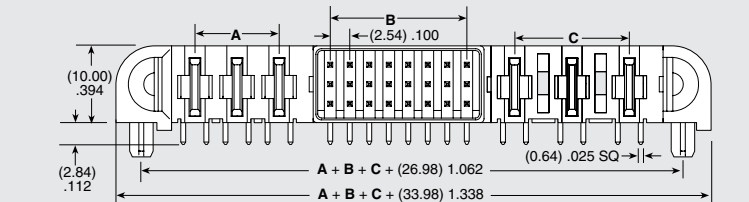
**-02, -04, -06,  
-08, -10, -12**  
= 3 Rows

**-01, -02, -03, -04,  
-05, -06, -07, -08**  
= 5 Rows

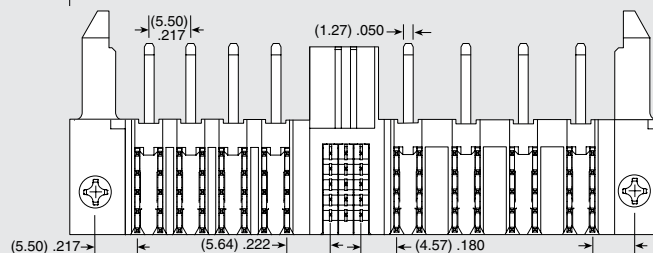
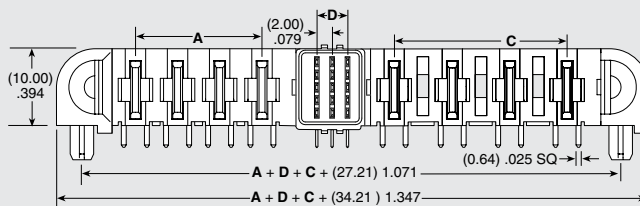
**-00**  
= No Signal

**Note:**

-AXX\*, -SXX\*, -5\* & -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.

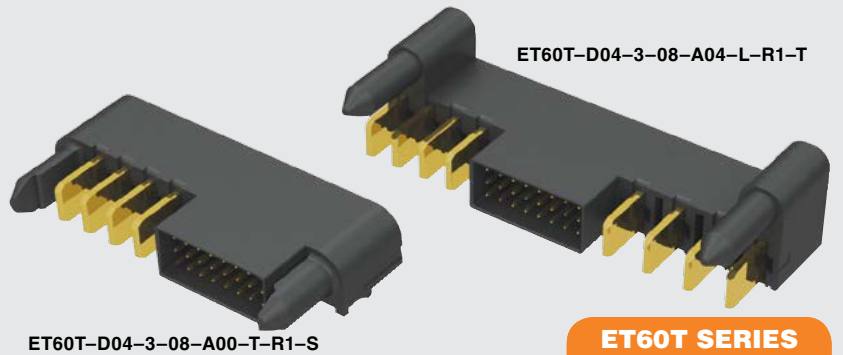
[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

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.



**POWER™ EXTreme  
STRIP Ten60**

**(5.50 mm) .217" (PWR) (2.54 mm) .100" (SIG)**



ET60T-D04-3-08-A00-T-R1-S

**ET60T SERIES**

# RIGHT-ANGLE POWER/SIGNAL HEADER

## 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

## 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

**-S**

= Side  
Guide Post

**-T\***

= Top  
Guide Post

## OPTION

**-H**

= Hot Swap  
(Leave blank for  
no Hot Swap)

**Note:**

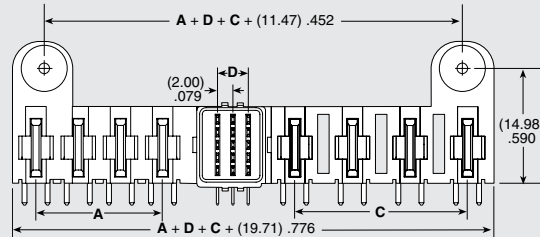
-AXX\*, -SXX\*, -5\* & -T\* are Preliminary

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

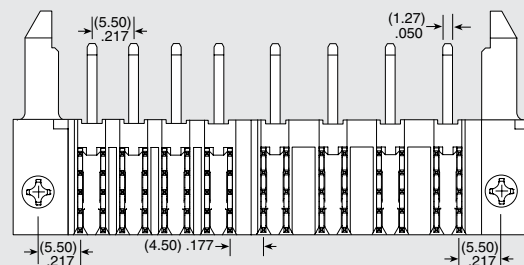
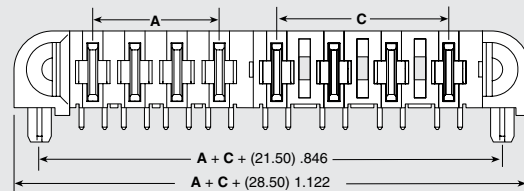
\*\*Not Released

SIGNAL POSITIONS PER ROW (3 Row)	B	SIGNAL POSITIONS PER ROW (5 Row)	D
*-02	(2.54) .100	**-01 N/A	** -02 (2.00) .079
*-04	(7.62) .300	** -03 (4.00) .157	*-04 (6.00) .236
*-06	(12.70) .500	** -05 (8.00) .315	
-08	(17.78) .700	** -06 (10.00) .394	
*-10	(22.86) .900	** -07 (12.00) .472	
*-12	(27.94) 1.100	** -08 (14.00) .551	

\*Not Tooled  
\*\*Not Released



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



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

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