

EXTreme Ten60Power™ SOCKET

Mates with:
ET60T

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?ET60S

Insulator Material:

Black LCP

Terminal Material:

Signal: Copper Alloy

Power: Copper Alloy

Plating:

Au or Sn over
50 μm (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

RoHS Compliant:

Yes

PROCESSING

Lead-Free Solderable:

Yes

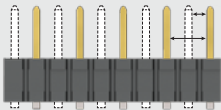
RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

CREEPAGE AND CLEARANCE



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

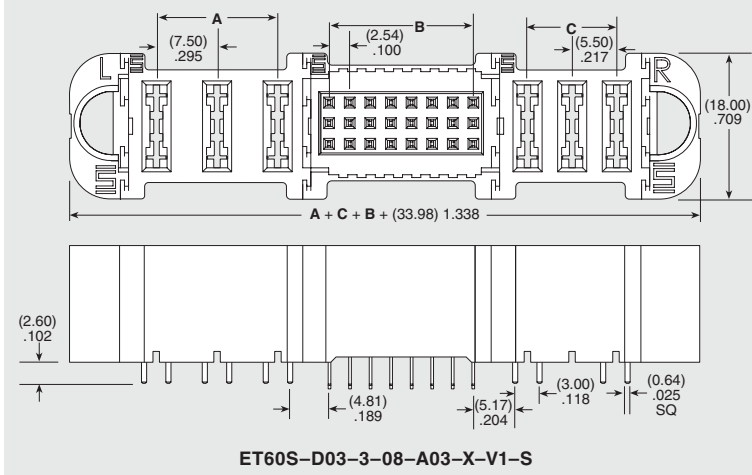
Notes:

Some lengths, styles and options are non-standard, non-returnable.

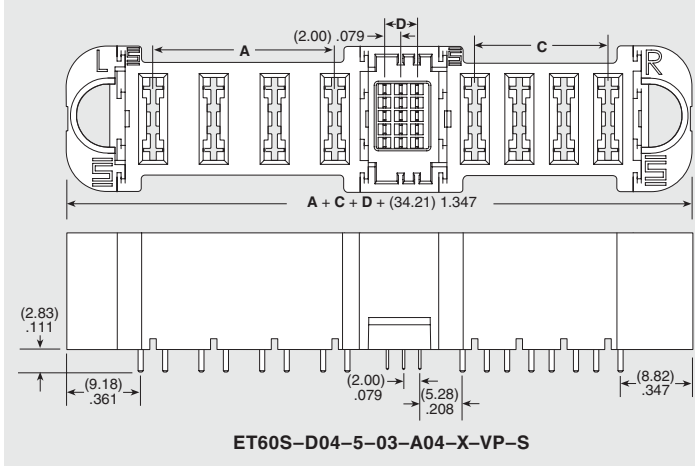
EXTreme Ten60Power™ is a trademark of Molex Incorporated and is dual sourced by Molex®

ET60S	POWER OPTION (RIGHT)	ROWS	SIGNAL POSITIONS PER ROW
	<p>-AXX = AC Power Positions (-02, -03, -04, -05, -06 positions only)</p> <p>-DXX = DC Power Positions (-02, -03, -04, -05, -06, -07, -08, -09, -10 positions only)</p> <p>-SXX* = Split Power</p> <p>-000 = No Power</p>	<p>-0 = No Signal</p> <p>-3 = 3 Rows</p> <p>-5 = 5 Rows</p>	<p>-00 = No Signal</p> <p>-08 = 3 Row only</p> <p>-01, -02, -03, -04, -05, -06, -07, -08 = 5 Row only</p>

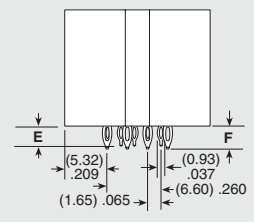
Note: -SXX* -T* are Preliminary



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

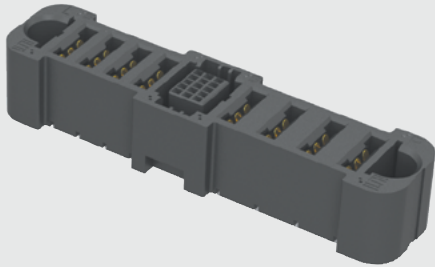


TAIL	3 ROWS		5 ROWS	
	E	F	E	F
-VP	(3.28) .129	(2.83) .111	(2.83) .111	(2.50) .098
-V1		(2.60) .102		N/A

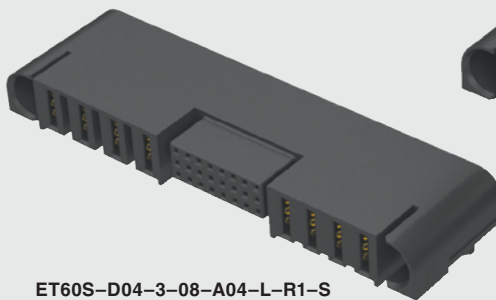


Due to technical progress, all designs, specifications and components are subject to change without notice.

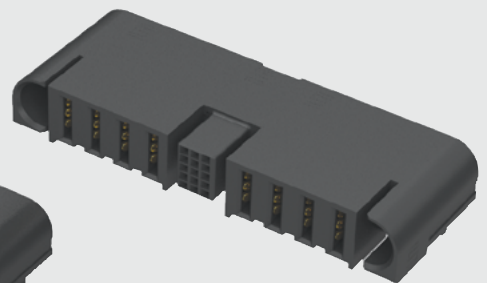
ET60S-A04-5-03-D04-L-VP-S



ET60S-D04-3-08-A04-L-R1-S



ET60S-D04-5-03-A04-S-R1-S



ET60S SERIES

POWER OPTION (LEFT)

-AXX

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

-DXX

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

-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

-VP

= Vertical Press-fit

-V1

= Vertical through-hole
(Use with (1.60 mm) .062" thick card
(-0 and -3 Row only)

-R1

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

GUIDE POST

(Required callout)

-S

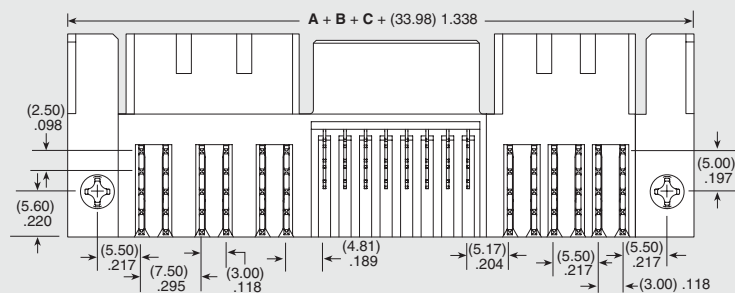
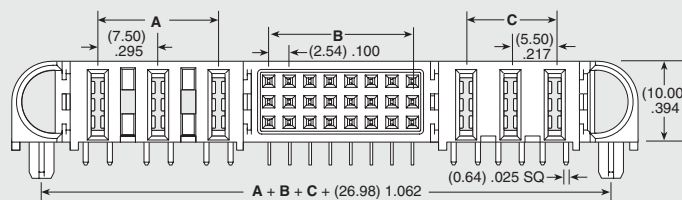
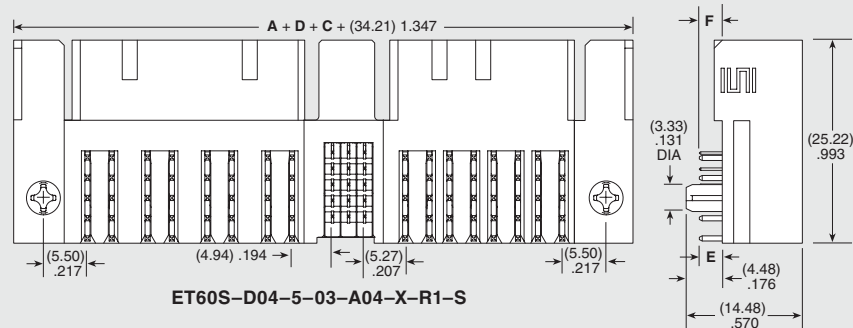
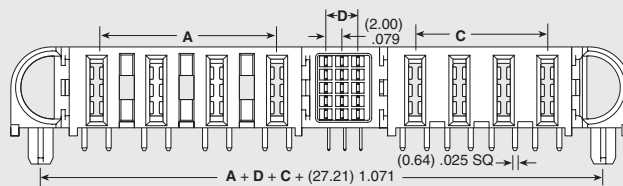
= Side Guide Post

-T*

= Top Guide Post

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

TAIL	E	F
-R1	(2.84) .112	



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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.