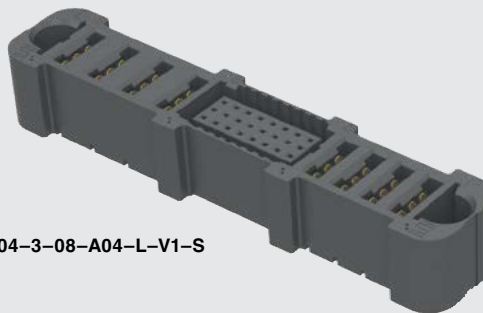




POWER™ EXTreme
STRIP Ten60

ET60S-D04-3-08-A04-L-V1-S



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 per blade
(2 pins powered)
Signal: 2.8 A per pin
(6 pins powered)

Operating Temp Range:

-40 °C to +105 °C

Voltage Rating:

280 VAC

RoHS Compliant:

Yes

PROCESSING

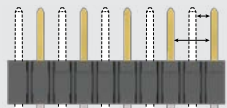
Lead-Free Solderable:
Yes

RECOGNITIONS

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



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

-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

-0
= No Signal

-3
= 3 Rows

-5
= 5 Rows

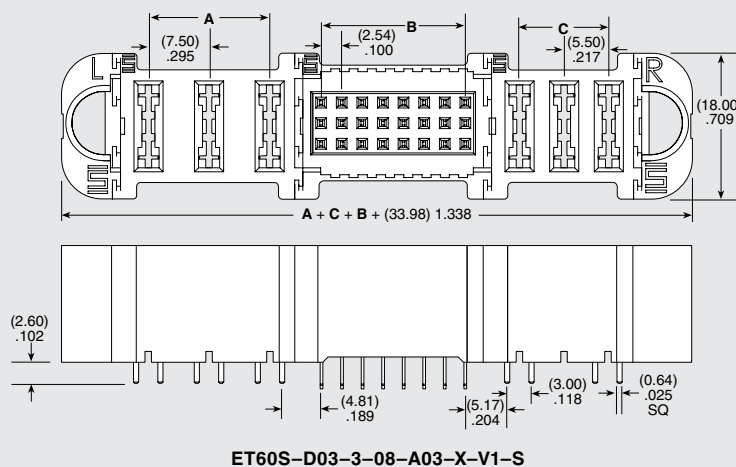
-00
= No Signal

-08
= 3 Row only

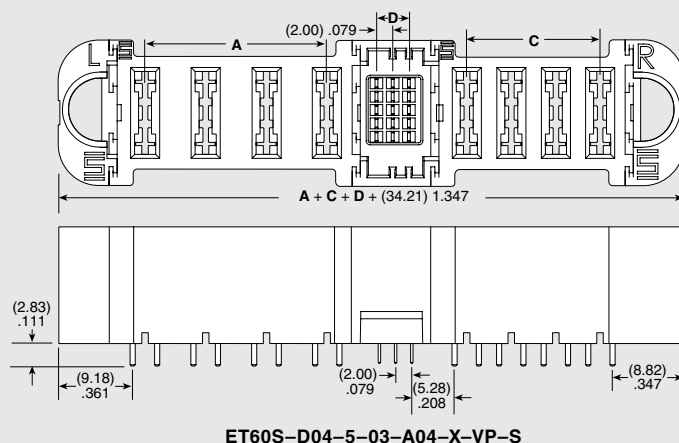
-01, -02, -03, -04,
-05, -06, -07, -08
= 5 Row only

Note:

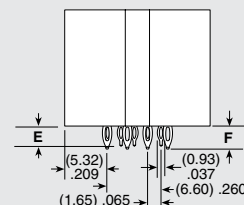
-SXX* & -T* are Preliminary



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



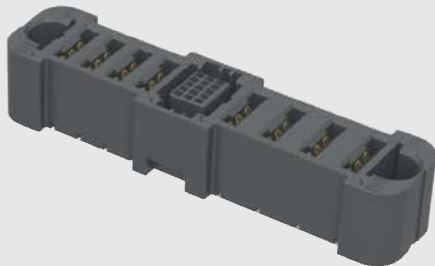
Due to technical progress, all designs, specifications and components are subject to change without notice.

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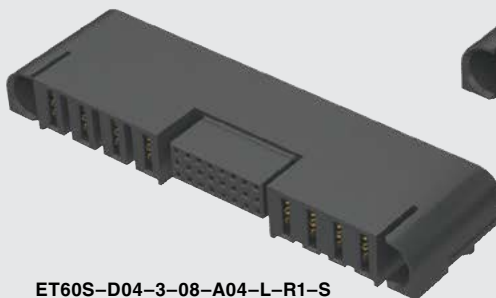
All parts within this catalog are built to Samtec's specifications.

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

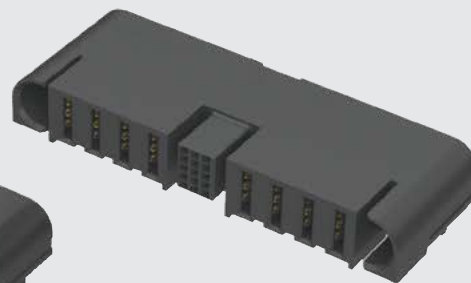
ET60S-A04-5-03-D04-L-VP-S



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 μ m) Gold on contact,
Matte Tin on tail
(Not available for 5 rows)

-S

= 30 μ " (0.76 μ m) 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

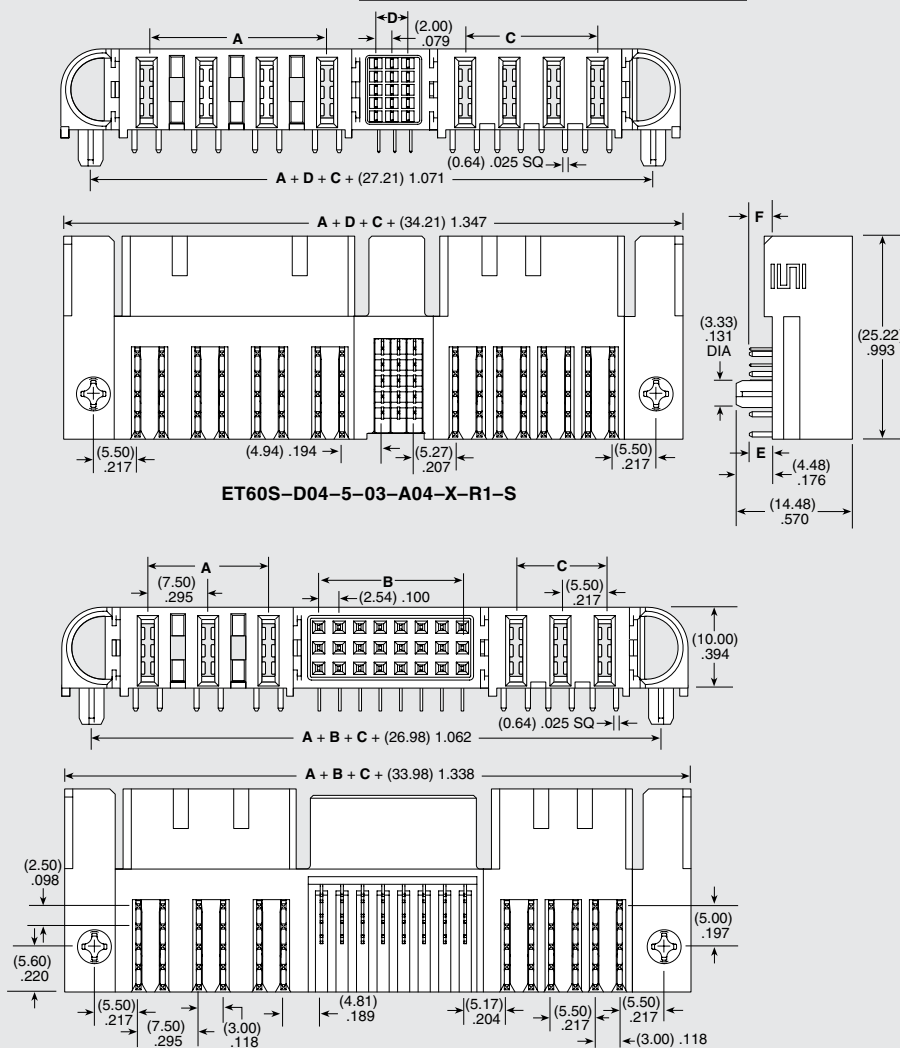
= Side
Guide Post

-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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