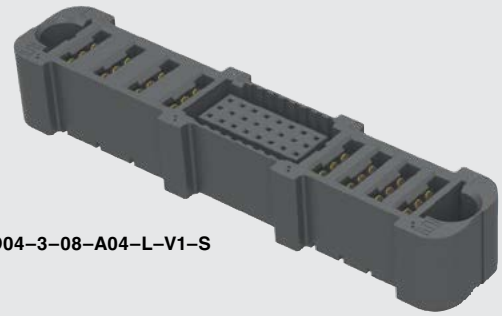
samtec

POWER STRIP™ EXTreme 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 µ" (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

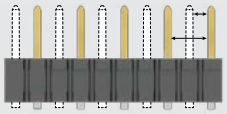
Lead-Free Solderable:
Yes

RECOGNITIONS

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

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	–

–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

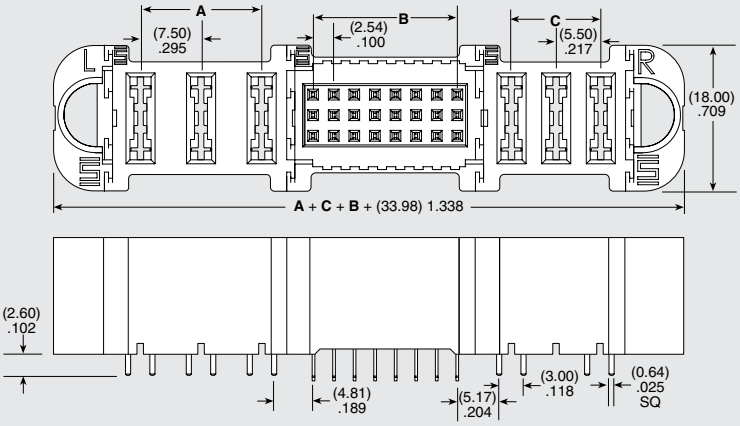
–5
= 5 Rows

–00
= No Signal

–08
= 3 Row only

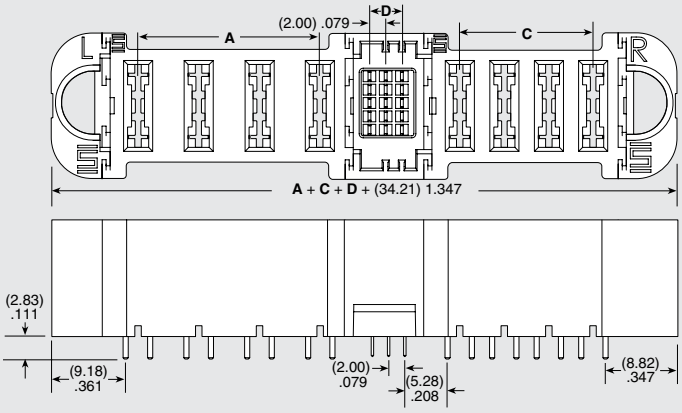
–01, –02, –03, –04, –05, –06, –07, –08
= 5 Row only

Note:
–SXX* & –T* are Preliminary



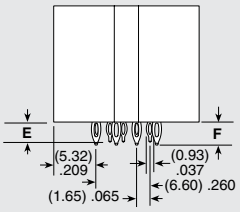
ET60S–D03–3–08–A03–X–V1–S

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



ET60S–D04–5–03–A04–X–VP–S

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



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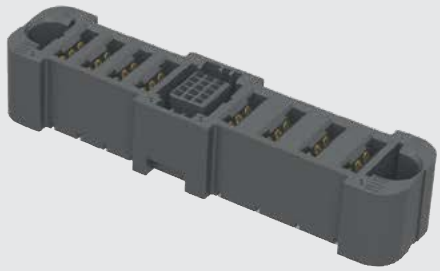
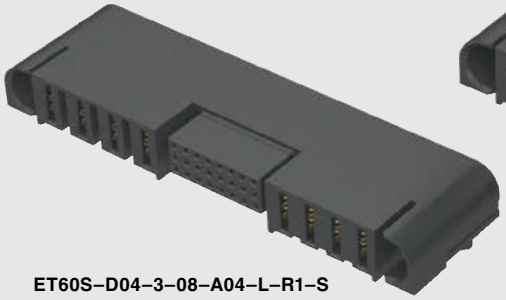
ET60S–A04–5–03–D04–L–VP–S





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

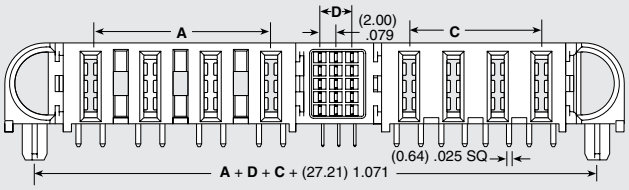
(Required callout)

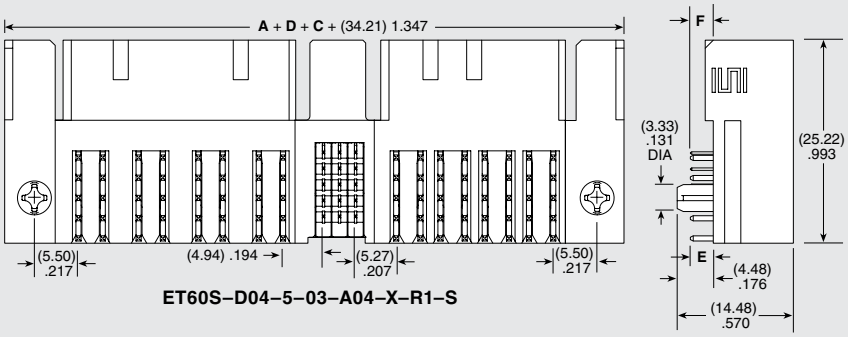
–S
= Side Guide Post

–T*
= Top Guide Post

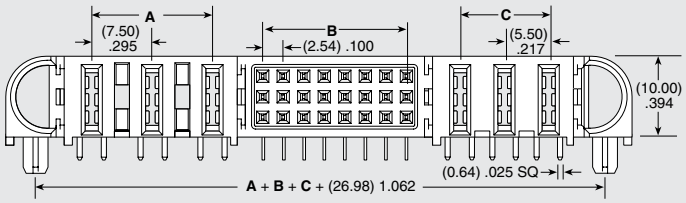
SIGNAL POSITIONS PER ROW (3 Row)	B	SIGNAL POSITIONS PER ROW (5 Row)	D
–08	(17.78) .700	–01	N/A
		–02	(2.00) .079
		–03	(4.00) .157
		–04	(6.00) .236
		–05	(8.00) .315
		–06	(10.00) .394
		–07	(12.00) .472
		–08	(14.00) .551

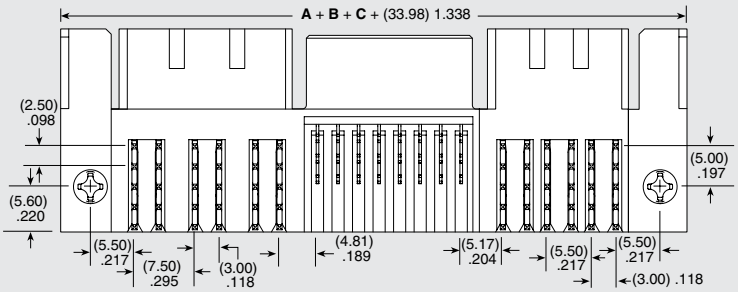
TAIL	E	F
–R1	(2.84) .112	





ET60S–D04–5–03–A04–X–R1–S





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