



ERI8-019-S-D-RA



ERC-019-01-02

ERI8, ERC SERIES

(0.80 mm) .0315"

HIGH-SPEED I/O SYSTEM

ERI8 Mates with:
EPLSP

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?ERI8

Insulator Material: Black LCP

Terminal Material: BeCu

Plating: Au or Sn over

50 μm (1.27 μm) Ni

Current Rating: 1.7 A per pin

(1 pin powered per row)

Operating Temp Range: -55 °C to +125 °C

Voltage Rating: Testing Now!

RoHS Compliant: Yes

Lead-Free Solderable: Yes

SMT Lead Coplanarity: (0.10 mm) .004" max



-019
= 8 Pairs, 5 Power, 2 Clock, 19 positions

-031
= 16 Pairs, 5 Power, 2 Clock, 31 positions

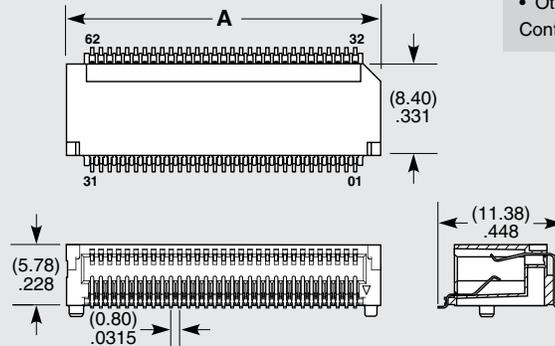
-S
= 30 μm (0.76 μm) Gold on contact, Matte Tin on tail

-TR
= Tape & Reel Packaging

ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.

NO. OF POSITIONS	A
-019	(19.08) .751
-031	(28.68) 1.13



Notes:

Active equalization reference design for Eye Speed® I/O system see www.samtec.com?EPLSP

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

SPECIFICATIONS

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



ERC
= Cage

-019, -031
= Number of Positions

-01
= Without Gasket

-02
= With Gasket

NO. OF POSITIONS	A
-019	(30.55) 1.203
-031	(40.15) 1.58

