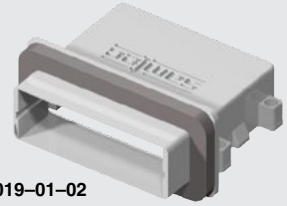
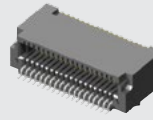


ERI8-019-S-D-RA



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

(2 pins powered)

Voltage Rating:
225 VAC/320 VDC

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

Lead-Free Solderable:
Yes

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

RoHS Compliant:
Yes

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.

EDGE RATE CONTACT

ERI8	NO. OF POSITIONS	PLATING OPTION	D	RA	OTHER OPTION
	<p>-019 = 9 Pairs, 5 Power, 19 positions</p> <p>-031 = 17 Pairs, 5 Power, 31 positions</p>	<p>-S = 30 μm (0.76 μm) Gold on contact, Matte Tin on tail</p>			<p>-TR = Tape & Reel Packaging</p>

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

ALSO AVAILABLE (MOQ Required)

- Other platings

Contact Samtec.

SPECIFICATIONS

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

TYPE	NO. OF POSITIONS	01	OPTION
<p>ERC = Cage</p>	<p>-019, -031 = Number of Positions</p>		<p>-01 = Without Gasket</p> <p>-02 = With Gasket</p>

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

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