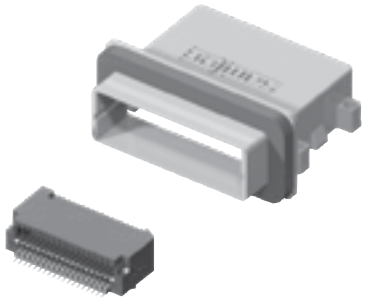
samtec

EYE® SPEEDHD I/O SYSTEM

RUGGED LATCHING HIGH-SPEED SYSTEM



(0.80 mm) .0315" PITCH • ERI8/ERC SERIES

ERI8
Mates:
EPLSP

ERI8	-	NO. OF POSITIONS	-	PLATING OPTION	-	D	-	RA	-	OTHER OPTION

–019
= 9 Pairs, 5 Power, 19 positions

–031
= 17 Pairs, 5 Power, 31 positions

–S
= 30 µ" (0.76 µm) Gold on contact, Matte Tin on tail

–TR
= Tape & Reel

-FR
= Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

SPECIFICATIONS

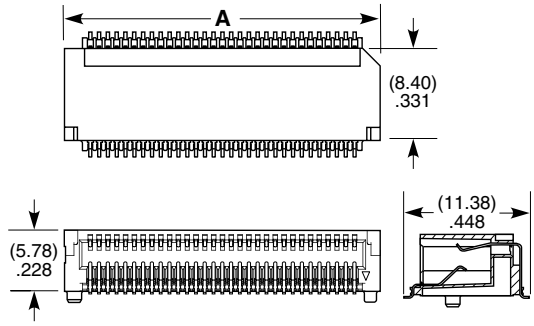
Insulator Material:
Black LCP
Terminal Material:
BeCu
Plating:
Au or Sn over 50 µ" (1.27 µm) Ni
Current Rating:
1.7 A per pin (2 pins powered)
Voltage Rating:
225 VAC/320 VDC
Operating Temp Range:
-55 °C to +125 °C

EDGE® RATE CONTACT

PROCESSING

Lead–Free Solderable:
Yes
SMT Lead Coplanarity:
(0.10 mm) .004" max

NO. OF POSITIONS	A
–019	(19,08) .751
–031	(28.68) 1.13



View complete specifications at: **samtec.com?ERI8**

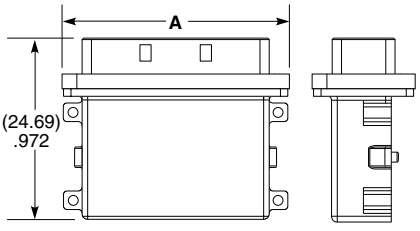
SERIES	-	NO. OF POSITIONS	-	OPTION

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

View complete specifications at: **samtec.com?ERC**

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.

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.