

(0.80 mm) .0315"

EPLSP-019-2000

EPLSP SERIES

RUGGED LATCHING HIGH-SPEED SYSTEM

FEATURES

- Rugged external cable
- Small form factor
- Low profile latching
- Metal-to-metal two-piece contact system
- High mating cycles
- High cable flex life (500 cycles 180° bend)
- Small bend radius

SPECIFICATIONS

Cable:

32 AWG Low Skew Pair/
28 AWG Power**Bend Radius:**
(25.40 mm) 1.00"**Signal Routing:**
100 Ω Differential

Pinout Map:

1:1 Map Standard
(See web address above
for additional information)**Operating Temp Range:**
-20 °C to +105 °C**Current Rating:**
1.7 A per pin
(2 pins powered)**RoHS Compliant:**
Yes

PROTOCOLS

- SAS
- SATA
- Fibre Channel
- Ethernet
- PCIe®
- InfiniBand™

ALSO AVAILABLE (MOQ Required)

- Other lengths

Note:
This Series is non-standard,
non-returnable.

Mates with:
ERI8

APPLICATION

ERC-019-01-02

ERI8-019-S-D-RA

EPLSP-019-1000

Low-profile
latching

High
cycles

Metal-to-metal
contact interface

32 AWG
Low
Skew
Pair

**EDGE
RATE**
CONTACT

TYPE

EPLSP

= Eye Speed® I/O Cable

NO. OF POSITIONS

-019

= 9 Pairs, 5 Power, 19 positions

-031

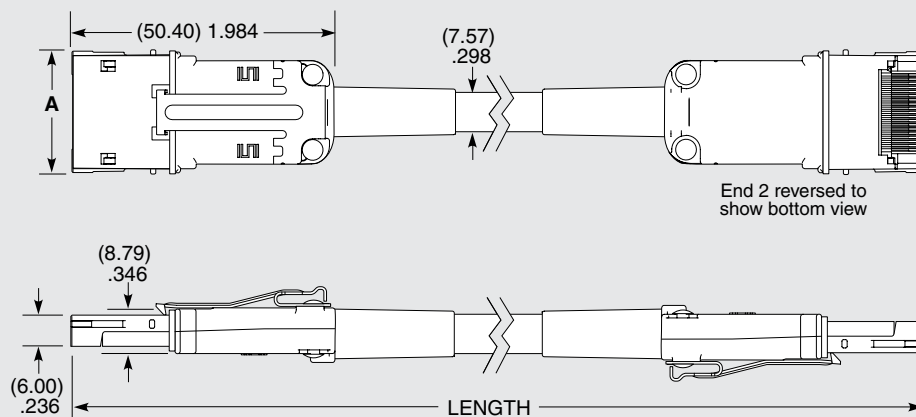
= 17 Pairs, 5 Power, 31 positions

LENGTH

-“XXXX”

= Length in millimeters
-1000, -2000, -3000
(Standard lengths)

NO. OF POSITIONS	A
-019	(23.85) .939
-031	(32.95) 1.30



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.