

(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

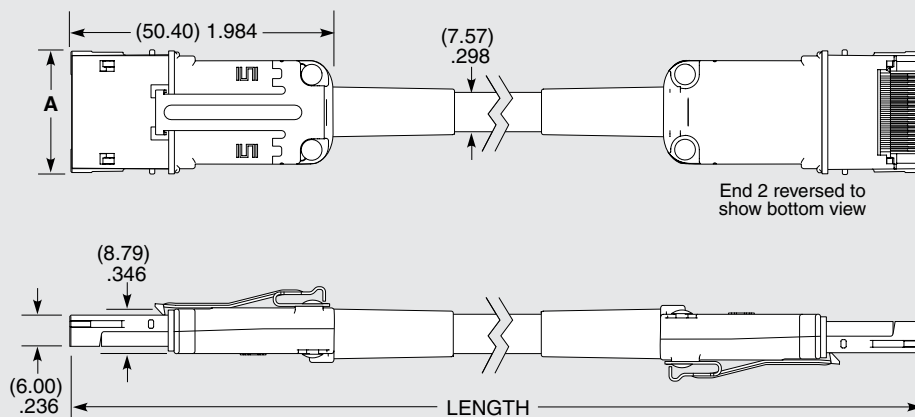
= 17 Pairs, 5 Power, 31 positions

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.

WWW.TOBY.CO.UK

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.