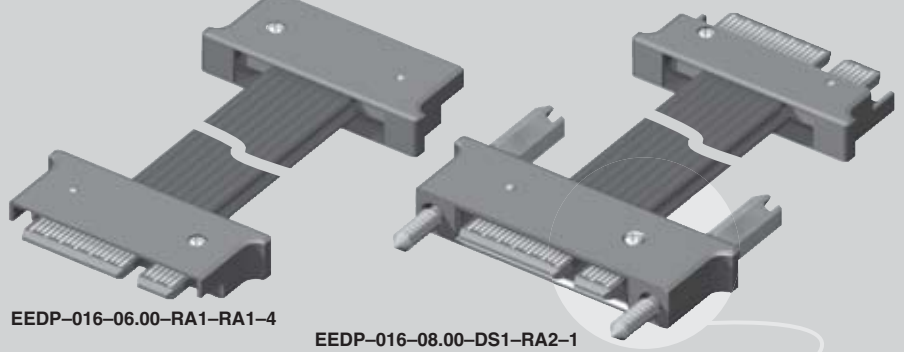




(0,80mm) .0315"

EEDP SERIES



EEDP-016-06.00-RA1-RA1-4

EEDP-016-08.00-DS1-RA2-1

HIGH SPEED EDGE CARD CABLE ASSEMBLY

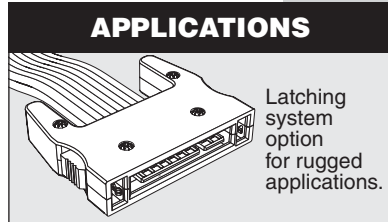
SPECIFICATIONS

For complete specifications see www.samtec.com?EEDP

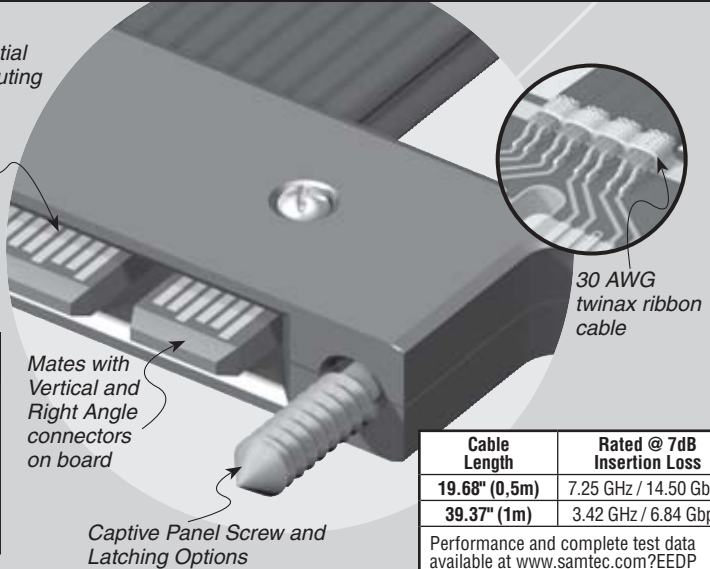
- Cable:**
30 AWG
twinax micro ribbon
- Signal Routing:**
100Ω Differential
- Cable Bending Radius:**
(11,11mm) 7/16" min
- Current Rating:**
1 A max
- Propagation Delay:**
4.67 nsec/meter
- Operating Temp Range:**
-20°C to +90°C
- Skew (pair-to-pair):**
<10 ps/ft
- Skew (within a pair):**
<5 ps/ft
- EMI Performance:**
FCC Class A
- Pinout Map:**
See web address above
- RoHS Compliant:** Yes



Mates with:
MEC8-02-RA, HSEC8



100Ω
Differential
Pair Routing



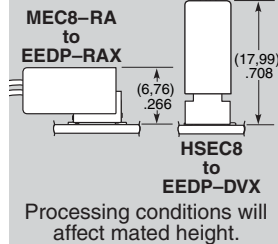
Cable Length	Rated @ 7dB Insertion Loss
19.68" (0,5m)	7.25 GHz / 14.50 Gbps
39.37" (1m)	3.42 GHz / 6.84 Gbps

Performance and complete test data available at www.samtec.com?EEDP or contact sig@samtec.com

APPLICATION SPECIFIC

- Customized routings
 - Board hardware for mounting with right angle captive screws (RAH-01)
 - Other terminations
 - Other lengths
- Contact dr@samtec.com

APPLICATIONS



CABLE	CONNECTOR
EEDP-08	HSEC8/MEC8-113
EEDP-16	HSEC8/MEC8-125
EEDP-24	HSEC8/MEC8-137
EEDP-32	HSEC8/MEC8-149

Note:
Cable lengths longer than 40.00" (1 meter) are not supported with S.1. test data.

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



EEDP — NO. OF PAIRS — WIRE LENGTH — END NO. 1 — END NO. 2 — WIRING OPTION

—008, —016, —024, —032

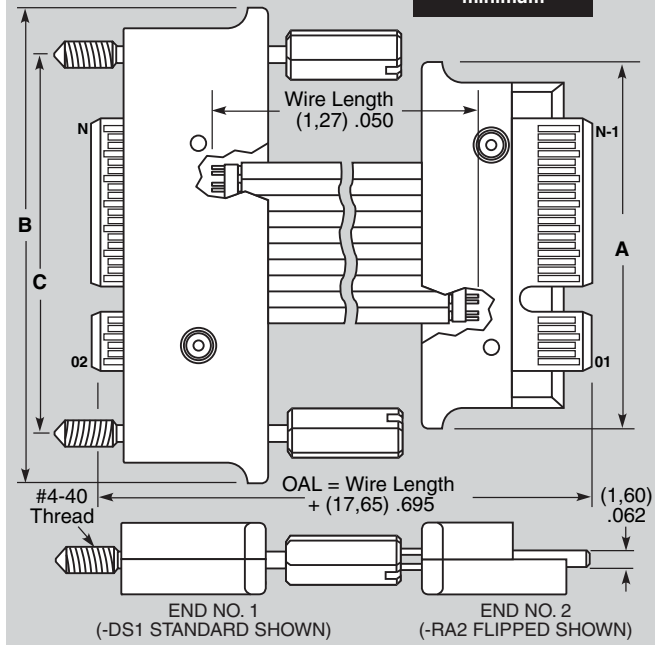
— "XX.XX" = Wire Length in Inches (95,3mm) 03.75" minimum

Specify END OPTION from chart

- 1 = Pin 1 to Pin 1
- 2 = Pin 1 to Pin 2
- 3 = Pin 1 to Pin N-1 (-024 N/A)
- 4 = Pin 1 to Pin N (-024 N/A)

END OPTION	ASSEMBLY
—DVX	Vertical
—DSX	Vertical with Screws
—RAX	Right Angle
—RSX	Right Angle with Screws
—LVX	Vertical with Latches
—RLX	Right Angle with Latches

Specify X=1 for standard orientation; X=2 for flipped orientation (XX1 to XX1 and XX2 to XX2 require -3 or -4 wiring) (XX1 to XX2 and XX2 to XX1 require -1 or -2 wiring)



NO. OF PAIRS	A	B	C
—008	(24,51) .965	(34,67) 1.365	(26,00) 1.024
—016	(35,10) 1.382	(45,26) 1.782	(35,99) 1.417
—024	(44,70) 1.760	(54,86) 2.160	(45,01) 1.772
—032	(53,31) 2.099	(63,47) 2.499	(54,00) 2.126

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

WWW.SAMTEC.COM