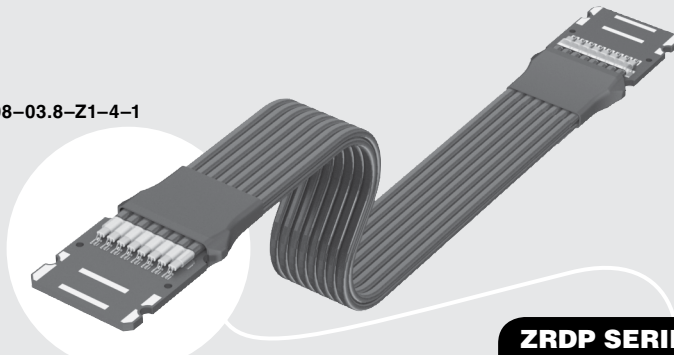




ZRDP-1-08-03.8-Z1-4-1



ZRDP SERIES

(0.80 mm) .0315"

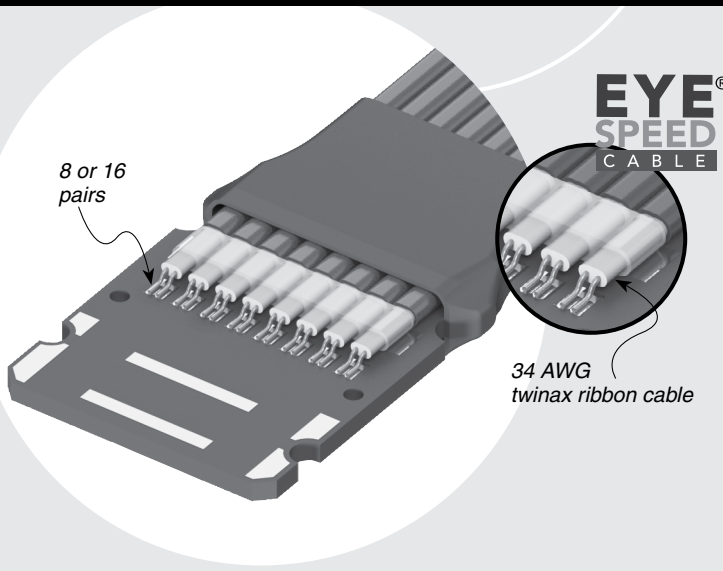
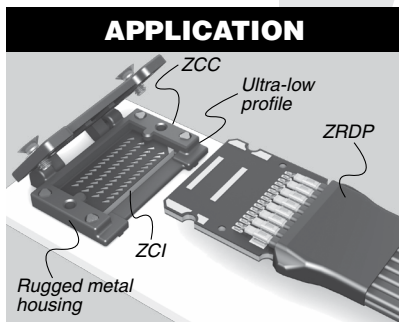
# ULTRA-LOW PROFILE CABLE ASSEMBLY

## SPECIFICATIONS

For complete specifications see [www.samtec.com/ZRDP](http://www.samtec.com/ZRDP)

- Cable:** 34 AWG twinax ribbon cable
- Signal Routing:** 100 Ω Differential
- Cable Bending Radius:** (3.18 mm) .125" min
- Plating:** Au over 100 μm (2.54 μm) Ni
- Operating Temp Range:** -25 °C to +105 °C
- Pinout Map:** See web address above

Mates with:  
ZCI, ZCC

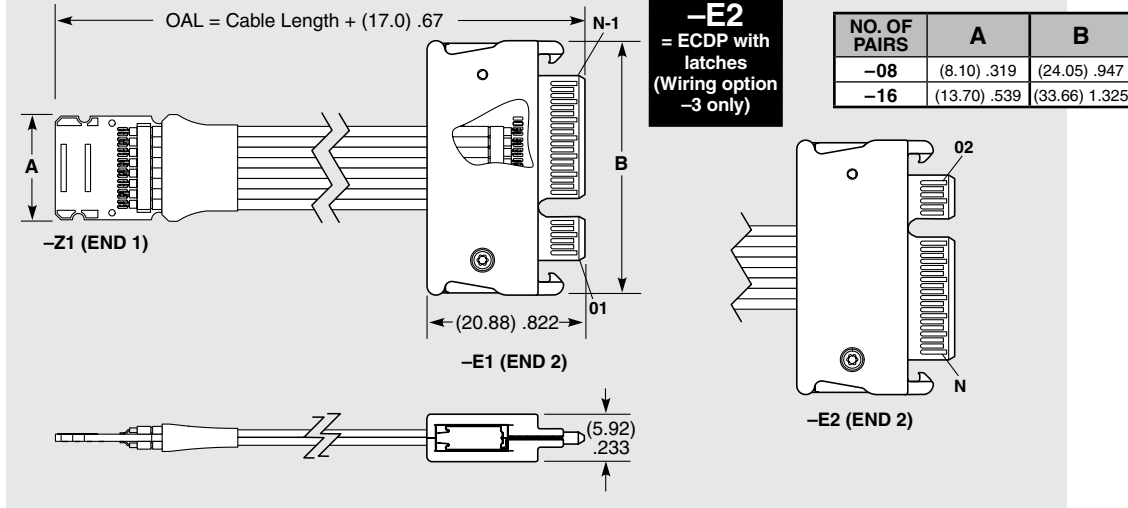


ZRDP	SIZE	NO. OF PAIRS	CABLE LENGTH	END 2	WIRING OPTION	IMPEDANCE
-1 = Fits ZCC-1-XX	-2 = Fits ZCC-2-XX	-08 = Use for -1 size -16 = Use for -2 size	-“XX.X” = Cable Length in Inches (97.0 mm) 03.8" minimum	-Z1 = ZRDP (Wiring option -4 only) -E1 = ECDP with latches (Wiring option -1 only) -E2 = ECDP with latches (Wiring option -3 only)	-1 = Pin A1 to Pin 1 -3 = Pin A1 to Pin N-1 -4 = Pin A1 to Pin AN	-1 = 100 Ω

NO. OF PAIRS	A	B
-08	(8.10) .319	(24.05) .947
-16	(13.70) .539	(33.66) 1.325

### ECDP MATES

NO. OF PAIRS	CONNECTOR
-08	HSEC8-13
-16	HSEC8-25



**Notes:**  
Cable lengths longer than 40.00" (1 meter) are not supported with S.I. test data.  
Design your full cable assembly with Samtec's High-Speed Cable Builder at [www.samtec.com/cablebuilder](http://www.samtec.com/cablebuilder)