



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 μ" (2.54 μm) Ni  
**Operating Temp Range:** -25 °C to +105 °C  
**Pinout Map:** See web address above  
**RoHS Compliant:** Yes

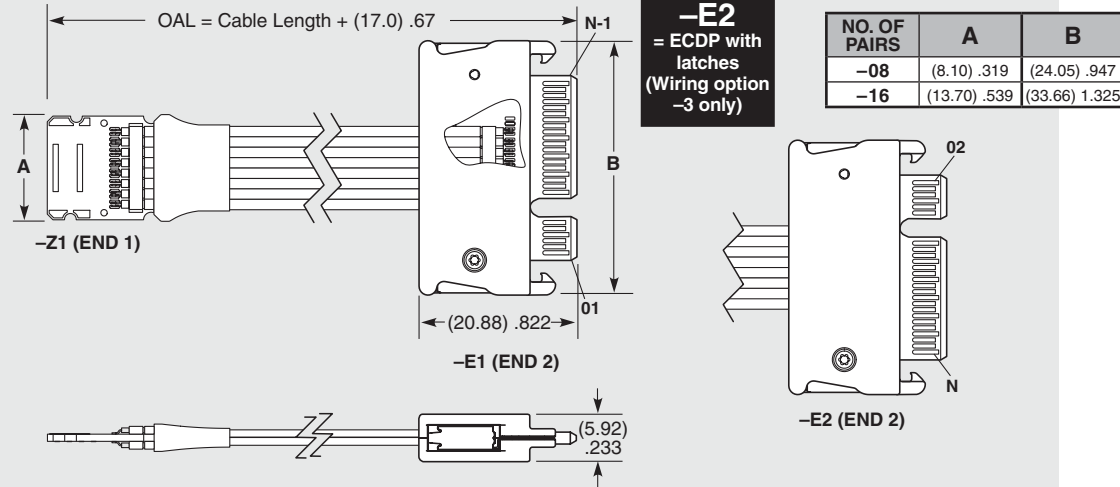
Mates with:  
ZCI, ZCC



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

### ECDP MATES

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



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

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

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

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.