



(0.80 mm) .0315"

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

ZRDP SERIES

# 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  $\Omega$  Differential

### Cable Bending Radius:

(3.18 mm) .125" min

### Plating:

Au over 100  $\mu$ " (2.54  $\mu$ m) Ni

### Operating Temp Range:

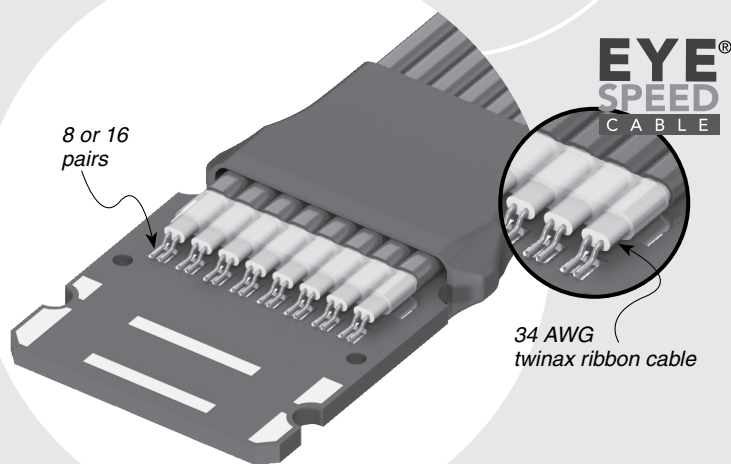
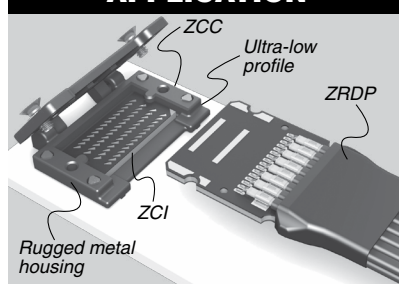
-25 °C to +105 °C

### Pinout Map:

See web address above

Mates with:  
ZCI, ZCC

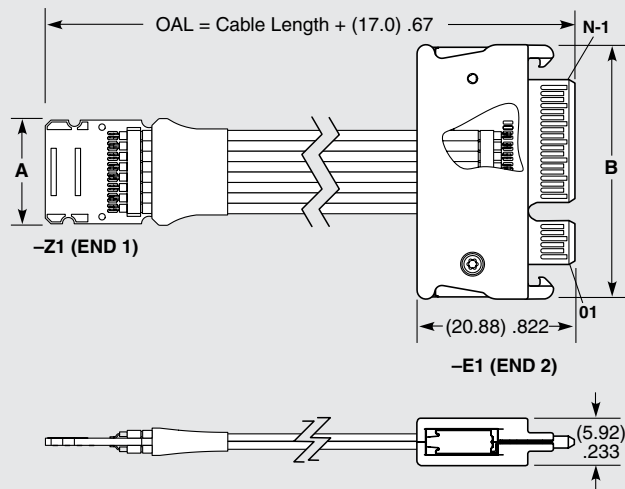
## APPLICATION



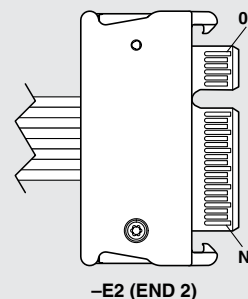
| ZRDP | SIZE                                           | NO. OF PAIRS                                               | CABLE LENGTH                                                         | END 2                                                                                                         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

## 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 full cable  
assembly with Samtec's High-  
Speed Cable Builder at  
[www.samtec.com/cablebuilder](http://www.samtec.com/cablebuilder)

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