



(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

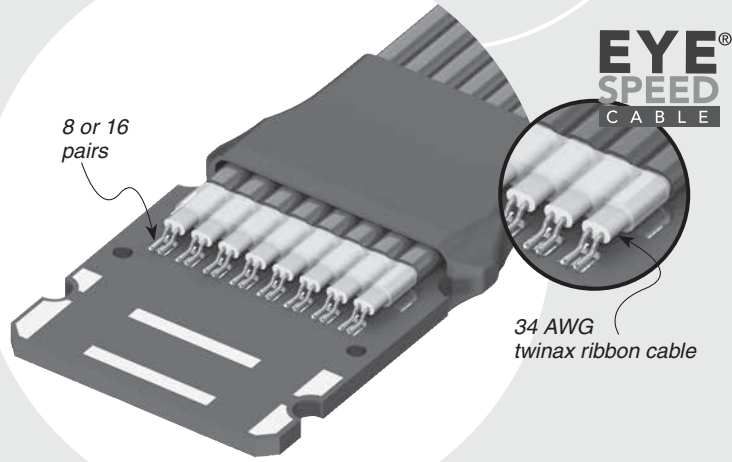
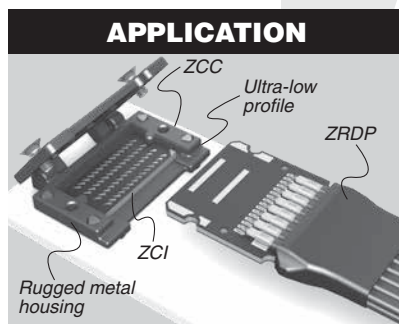
### Pinout Map:

See web address above

### RoHS Compliant:

Yes

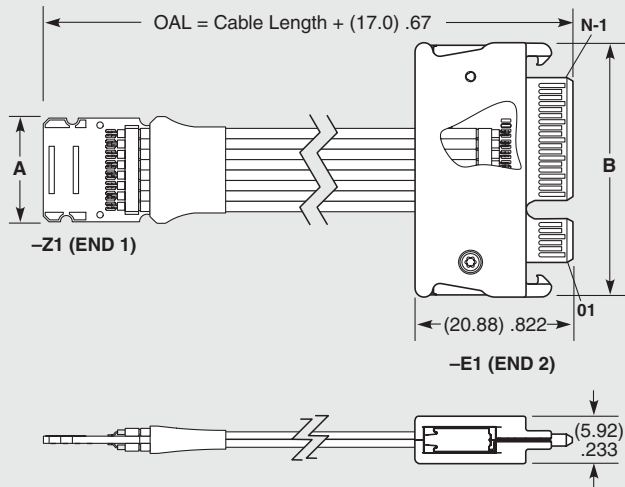
Mates with:  
ZCI, ZCC



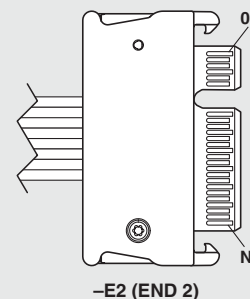
| ZRDP | SIZE                                           | NO. OF PAIRS                                               | CABLE LENGTH                                                         | END 2                                                                                                                                                                     | 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 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.