

# HIGH DENSITY LED FLEX RIBBON

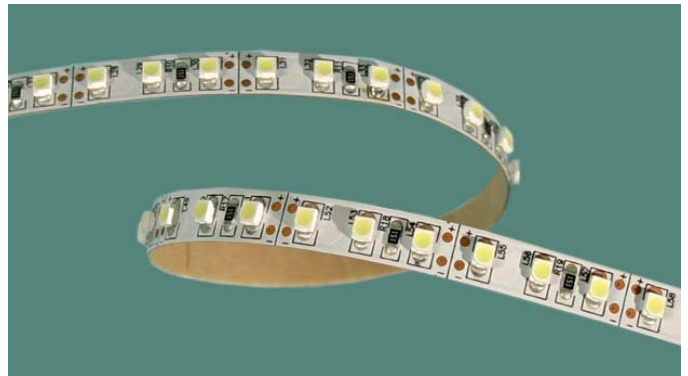
## Features

VOLTAGE: 12V DC  
CURRENT: 4.4 Amps  
LED VIEWING ANGLE (2  $\theta$  1/2): 120°

STANDARD PACKAGING:  
5 METER REEL (600 LED'S)

OPTIONAL PACKAGING:  
INDIVIDUAL 500mm Sections (60 LED's)  
Order as ZFS-85000HD-XX/SEC

NOTE: Individual sections ARE NOT supplied  
with insulated wire connection.



## Maximum Ratings

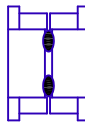
| Parameter               | Symbol | Rating  | Units |
|-------------------------|--------|---------|-------|
| Forward Current         | IF     | 4.4     | A     |
| Power Dissipation       | PD     | 52.8    | W     |
| Electrostatic Discharge | ESD    | 800     | V     |
| Operating Temperature   | Topr   | -25~+60 | °C    |
| Storage Temperature     | Tstg   | -40~+80 | °C    |

## Accessories

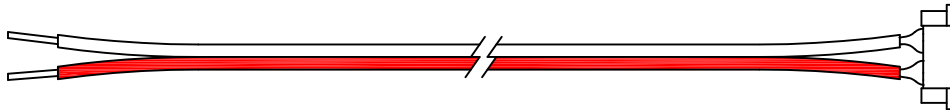
ZPS-1235 12V, 35 Watt Power Supply  
ZPS-1260 12V, 60 Watt Power Supply  
ZDM-01 PWM LED Dimmer

Note: ZPS-1235 and ZPS-1260 require  
use of wire nuts for connections.

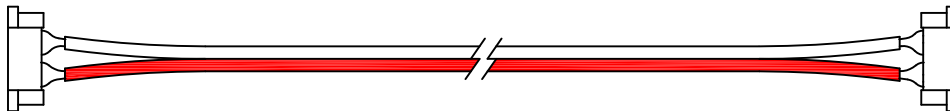
## Mating Components



ZFS-CHO-J: Solderless Connector



ZFS-CH200-I:  
Solderless Input Connector



ZFS-CH205-J:  
Solderless Joiner Connector

## Note

Please refer to JKL Application Sheet JKL-AS-ZFS-LED FLEX for Installation and Power Recommendations.



### ATTENTION

OBSERVE PRECAUTION  
FOR HANDLING ELECTROSTATIC  
DISCHARGE SENSITIVE DEVICES

|          |                                         |                |                                                                                                                                                        |  |                                                                                                                                                           |  |                                       |  |                                      |  |                                                                                            |  |                  |  |         |  |            |  |              |  |
|----------|-----------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------|--|--------------------------------------|--|--------------------------------------------------------------------------------------------|--|------------------|--|---------|--|------------|--|--------------|--|
|          |                                         |                | <div>METRIC</div> <div></div> <div>THIRD ANGLE<br/>PROJECTION</div> |  | <div>DIMENSIONS ARE<br/>IN mm (INCHES)</div> <div>TOLERANCE UNLESS<br/>OTHERWISE SPECIFIED</div> <div>1 PL +/- REF.<br/>2 PL +/- REF.<br/>ANGLE +/-</div> |  | <div>JKL COMPONENTS CORPORATION</div> |  |                                      |  |                                                                                            |  |                  |  |         |  |            |  |              |  |
| B        | ADD COMPONENTS, NOTES & PAGE 2          | 8/23/11        | <div>DRAWN BY</div> <div>L. WENGSTROM</div>                                                                                                            |  | <div>APPV'D BY     DATE</div> <div>L.R.             8/23/11</div>                                                                                         |  | <div>SIZE</div> <div>A</div>          |  | <div>FSCM NO.</div> <div>55335</div> |  | <div>TITLE</div> <div>HIGH DENSITY LED FLEX RIBBON, 12V</div> <div>ZFS-85000HD MULTI</div> |  |                  |  |         |  |            |  |              |  |
| A        | ADD WIRE SIZE & CHNG ACCESS. PART #S    | 6/27/11        |                                                                                                                                                        |  |                                                                                                                                                           |  |                                       |  |                                      |  |                                                                                            |  |                  |  |         |  |            |  |              |  |
|          | RELEASE & CANCEL PL-0901-08, PL-0905-05 | 5/23/11        |                                                                                                                                                        |  |                                                                                                                                                           |  |                                       |  |                                      |  |                                                                                            |  |                  |  |         |  |            |  |              |  |
|          | AND PL-0905-06                          |                |                                                                                                                                                        |  |                                                                                                                                                           |  |                                       |  |                                      |  |                                                                                            |  |                  |  |         |  |            |  |              |  |
| REV. NO. | DESCRIPTION/ECO<br>NUMBER               | APPV'D<br>DATE | - CAD DRAWING -<br>MANUAL REVISIONS NOT PERMITTED                                                                                                      |  | SCALE                                                                                                                                                     |  | NONE                                  |  | RELEASED<br>DATE                     |  | 5/23/11                                                                                    |  | REVISION<br>DATE |  | 8/23/11 |  | REV. NO. B |  | SHEET 1 OF 2 |  |

# HIGH DENSITY LED FLEX RIBBON

## Dimensions

