

# HIGH DENSITY LED FLEX RIBBON

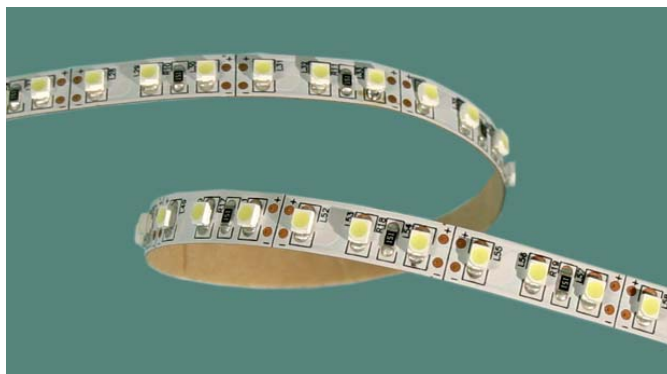
## Features

VOLTAGE: 12V DC  
 CURRENT: 4.4 Amps  
 LED VIEWING ANGLE (2 θ 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.



## 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.

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



E365522

## Electro-Optical Characteristics (Ta = 25°C)

JKL Part Number	Color	Number of LED's	Input Voltage (V DC)	Power (W)	Current (A)	Radiance Angle	CCT (K)	Lumen Flux (lm)
ZFS-85000HD-WW	Warm White	600	12	52.8	4.4	120°	3500°K	1650
ZFS-85000HD-CW	Cool White	600	12	52.8	4.4	120°	6250°K	1800
ZFS-85000HD-NW	Neutral White	600	12	52.8	4.4	120°	4250°K	1800
ZFS-85000HD-R	Red	600	12	48.0	4.0	120°	626 nm	1820
ZFS-85000HD-B	Blue	600	12	48.0	4.0	120°	460 nm	1820

## Note

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



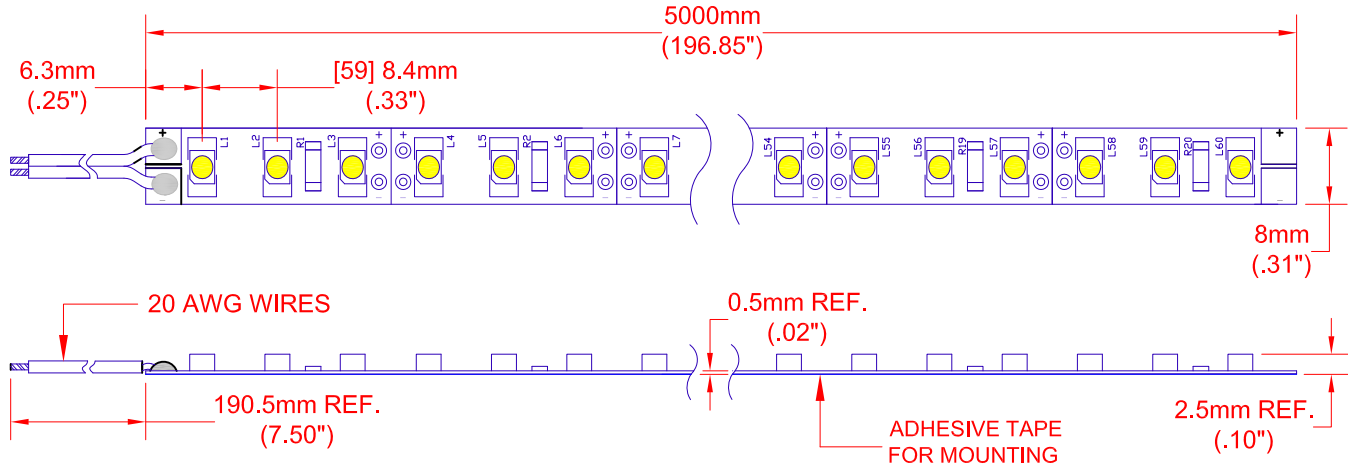
### ATTENTION

OBSERVE PRECAUTION FOR HANDLING ELECTROSTATIC DISCHARGE SENSITIVE DEVICES

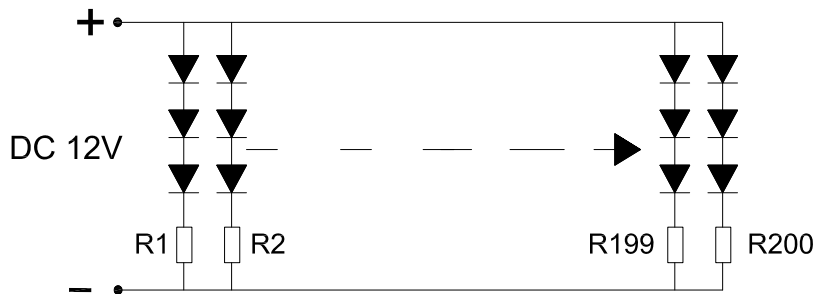
F	DELETE MATING COMPONENTS	1/6/14	<p>METRIC</p> <p>THIRD ANGLE PROJECTION</p>	<p>DIMENSIONS ARE IN mm (INCHES)</p> <p>TOLERANCE UNLESS OTHERWISE SPECIFIED</p> <p>1 PL +/- REF. ANGLE +/-</p> <p>2 PL +/- REF. ANGLE +/-</p>	<p><b>JKL COMPONENTS CORPORATION</b></p> <p>TITLE: HIGH DENSITY LED FLEX RIBBON, 12V</p>					
E	ADD PART NO. ZFS-85000HD-NW	9/23/13								
D	ADD PART NO. ZFS-85000HD-WW	1/14/13								
C	CHANGE CURRENT TO READ (A)	12/19/12								
B	ADD COMPONENTS, NOTES & PAGE 2	8/23/11								
A	ADD WIRE SIZE & CHNG ACCESS. PART #'S	6/27/11	DRAWN BY	APP'VD BY	DATE	SIZE	FSCM NO.	DRAWING NO.	<p>ZFS-85000HD MULTI</p>	
	RELEASE & CANCEL PL-0901-08, PL-0905-05	5/23/11	L. WENGSTROM	L.R.	1/6/14	<b>A</b>	<b>55335</b>			
	AND PL-0905-06		- CAD DRAWING -			SCALE	RELEASED DATE	REVISION DATE	REV. NO.	SHEET
REV. NO.	DESCRIPTION/ECO NUMBER	APP'VD DATE	MANUAL REVISIONS NOT PERMITTED			NONE	5/23/11	1/6/14	<b>F</b>	1 OF 2

# HIGH DENSITY LED FLEX RIBBON

## Dimensions



## Circuit Diagram



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Authorized Distributor

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## JKL Components:

[ZFS-85000HD-CW](#) [ZFS-85000HD-WW](#) [ZFS-85000HD-B](#) [ZFS-85000HD-R](#)