

LED FLEX RIBBON

Features

VOLTAGE: 12V DC
CURRENT: 1800mA
LED VIEWING ANGLE (2 θ 1/2): 120°

STANDARD PACKAGING:

5 Meter Reel (300 LED's)

OPTIONAL PACKAGING:

Individual 500mm Sections (30 LED's)

Order as ZFS-8500-XX/SEC

Note: Individual Sections ARE NOT supplied
with insulated wire connection.



E365522

Maximum Ratings

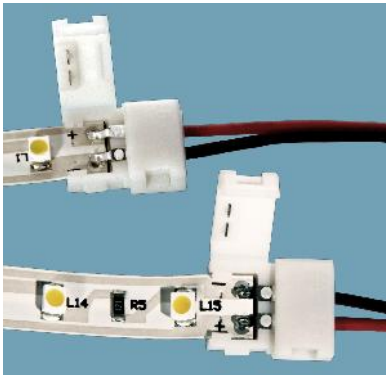
Parameter	Symbol	Rating	Unit
Electrostatic Discharge	ESD	800	V
Operating Temperature	Topr	-30~+85	°C
Storage Temperature	Tstg	-40~+100	°C

Accessories

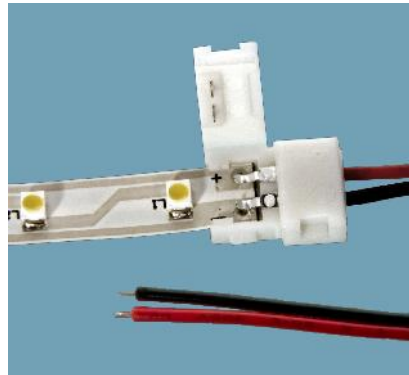
ZPS-1220 12V, 20 Watt Power Supply
ZPS-1225 12V, 25 Watt Power Supply
ZPS-1235 12V, 35 Watt Power Supply
ZPS-1260 12V, 60 Watt Power Supply
ZDM-01 PWM LED Dimmer

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

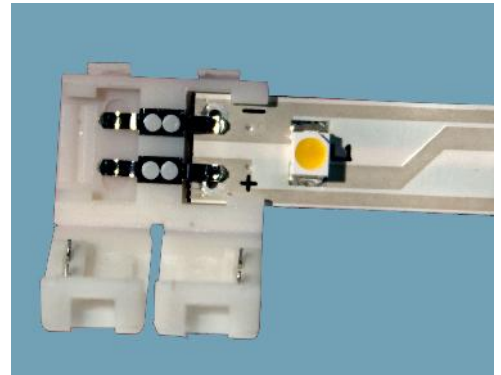
Mating Components



ZFS-CH138-8J:
Solderless Joiner Connector



ZFS-CH140-8I:
Solderless Input Connector



ZFS-CHO-8J:
Solderless Connector




ATTENTION

OBSERVE PRECAUTION FOR
HANDLING ELECTROSTATIC
DISCHARGE SENSITIVE DEVICES

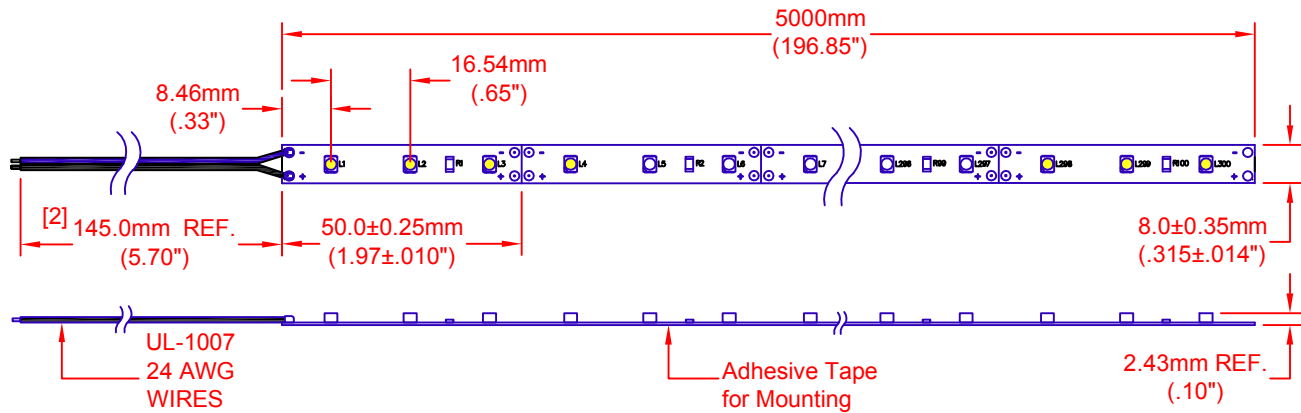
Note

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

G	DELETE PART NO. ZFS-8500-Y	6/13/14	<div>METRIC</div> <div></div> <div>THIRD ANGLE PROJECTION</div>	<div>DIMENSIONS ARE IN mm (INCHES)</div> <div>TOLERANCE UNLESS OTHERWISE SPECIFIED</div> <div>1 PL +/- REF. 2 PL +/- REF. ANGLE +/-</div>	<div><div>JKL</div><div>COMPONENTS CORPORATION</div></div> <div>TITLE</div> <div>LED FLEX RIBBON, 12V</div>					
F	ADD UL SYMBOL	12/9/13								
E	CHANGE MATING COMPONENTS	5/17/13								
D	ADD ACCESSORIES NOTES	8/16/11								
C	ADD WIRE TYPE AND SIZE	6/27/11								
B	SHOW WIRES ON BOTH ENDS	2/15/11	DRAWN BY L. WENGSTROM	APPV'D BY S.C.	DATE 6/13/14	SIZE A	FSCM NO. 55335	DRAWING NO. ZFS-8500 MULTI		
A	ADD ZFS-8500-Y PART NO & ASSESSORIES	12/28/10								
	RELEASED	8/18/10								
REV. NO.	DESCRIPTION/ECO NUMBER	APPV'D DATE	- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED			SCALE NONE	RELEASED DATE 8/18/10	REVISION DATE 6/13/14	REV. NO. G	SHEET 1 OF 2

LED FLEX RIBBON

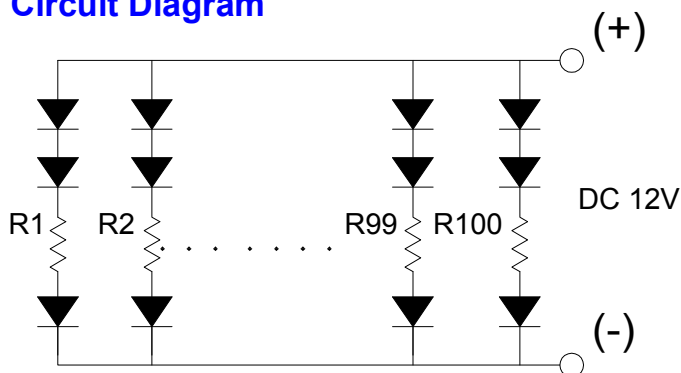
Dimensions



Electro-Optical Characteristics (Ta = 25°C)

JKL Part Number	Color	Number of LED's	Input Voltage (V DC)	Power (W)	Current (mA)	Radiance Angle	CCT (K)	Lumen Flux (lm)
ZFS-8500-CW	Cool White	300	12	21.60	1800	120°	6000	1092
ZFS-8500-NW	Neutral White	300	12	21.60	1800	120°	4100	1014
ZFS-8500-WW	Warm White	300	12	21.60	1800	120°	3050	936

Circuit Diagram



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[JKL Components:](#)

[ZFS-8500-WW/SEC](#) [ZFS-8500-WW](#)