

HIGH DENSITY LED FLEX RIBBON

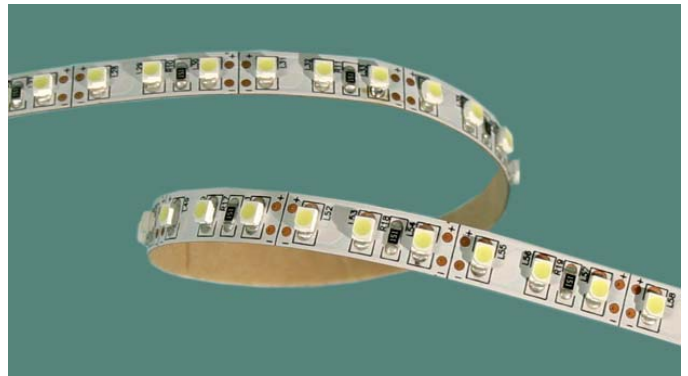
Features

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.



Maximum Ratings

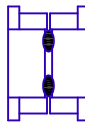
Parameter	Symbol	Rating	Units
Forward Current	IF	4.4	A
Power Dissipation	PD	52.8	W
Electrostatic Discharge	ESD	800	V
Operating Temperature	Topr	-25~+60	°C
Storage Temperature	Tstg	-40~+80	°C

Accessories

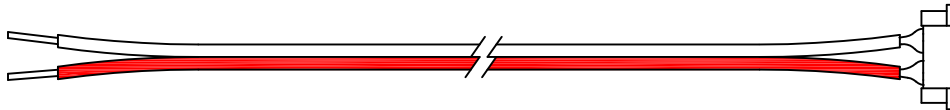
ZPS-1235 12V, 35 Watt Power Supply
ZPS-1260 12V, 60 Watt Power Supply
ZDM-01 PWM LED Dimmer

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

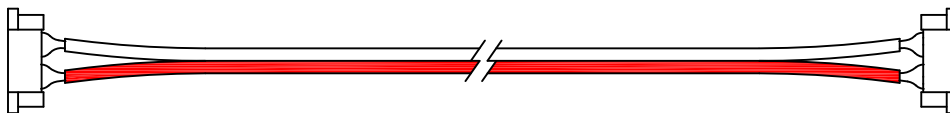
Mating Components



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.



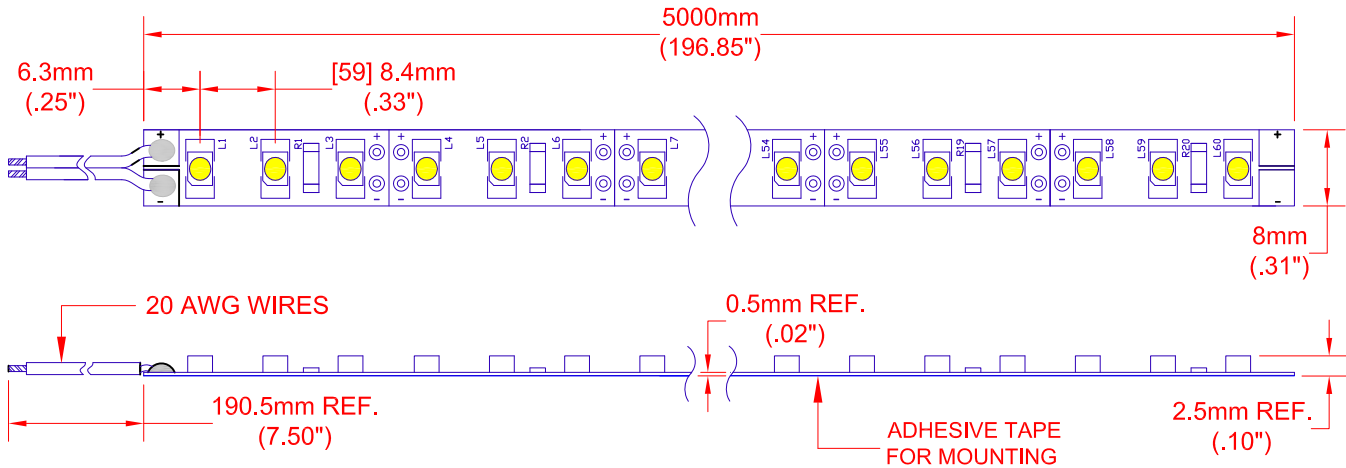
ATTENTION

OBSERVE PRECAUTION
FOR HANDLING ELECTROSTATIC
DISCHARGE SENSITIVE DEVICES

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

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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-85000HD-CW	Cool White	600	12	52.8	4.4	120°	6250°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

Circuit Diagram

