

HIGH DENSITY LED FLEX RIBBON

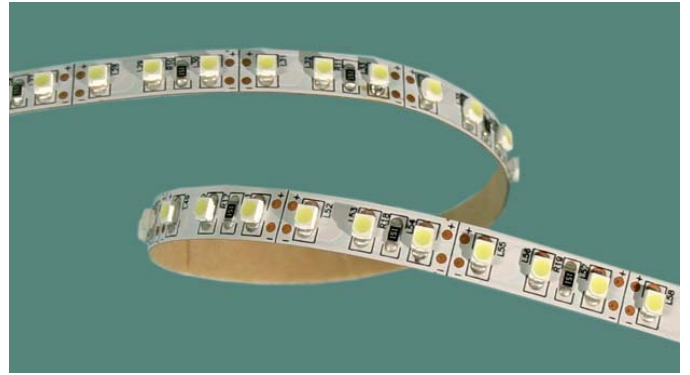
Features

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

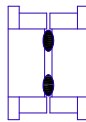
Parameter	Symbol	Rating	Units
Forward Current	IF	4.4	A
Power Dissipation	PD	52.8	W
Electrostatic Discharge	ESD	800	V
Operating Temperature	Topr	-25~+60	°C
Storage Temperature	Tstg	-40~+80	°C

Accessories

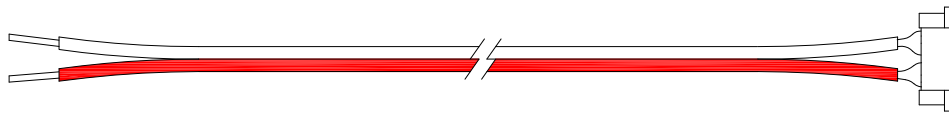
ZPS-1235 12V, 35 Watt Power Supply
 ZPS-1260 12V, 60 Watt Power Supply
 ZDM-01 PWM LED Dimmer

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

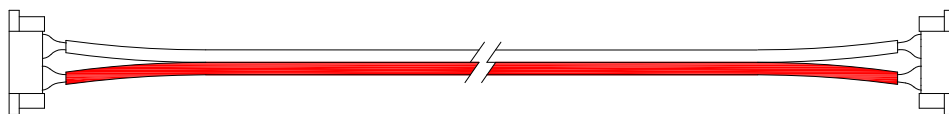
Mating Components



ZFS-CHO-J: Solderless Connector



ZFS-CH200-I:
 Solderless Input Connector



ZFS-CH205-J:
 Solderless Joiner Connector

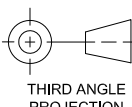
Note

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



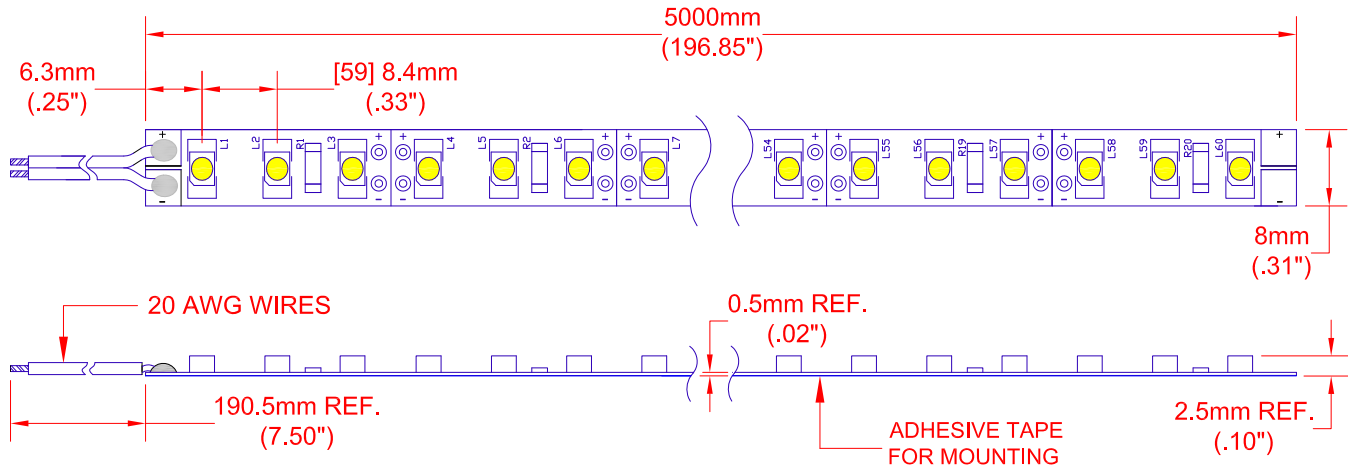
ATTENTION

OBSERVE PRECAUTION FOR HANDLING ELECTROSTATIC DISCHARGE SENSITIVE DEVICES

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 RELEASE & CANCEL PL-0901-08, PL-0905-05 5/23/11 AND PL-0905-06			METRIC  THIRD ANGLE PROJECTION	DIMENSIONS ARE IN mm (INCHES) TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- REF. 2 PL +/- REF. ANGLE +/-	JKL COMPONENTS CORPORATION TITLE HIGH DENSITY LED FLEX RIBBON, 12V						
DRAWN BY L. WENGSTROM APP'VD BY L.R. DATE 1/14/13			SIZE A	FSCM NO. 55335	DRAWING NO. ZFS-85000HD MULTI	SCALE NONE		RELEASED DATE 5/23/11	REVISION DATE 1/14/13	REV. NO. D	SHEET 1 OF 2
REV. NO.	DESCRIPTION/ECO NUMBER	APP'VD DATE	- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED			SCALE NONE	RELEASED DATE 5/23/11	REVISION DATE 1/14/13	REV. NO. D	SHEET 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 (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-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

