



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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HIGH DENSITY LED FLEX RIBBON

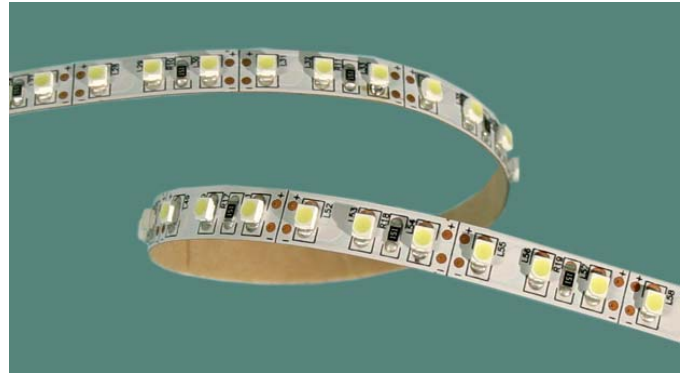
Features

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

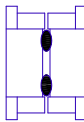
Parameter	Symbol	Rating	Units
Forward Current	IF	4.4	A
Power Dissipation	PD	52.8	W
Electrostatic Discharge	ESD	800	V
Operating Temperature	Topr	-25~+60	°C
Storage Temperature	Tstg	-40~+80	°C

Accessories

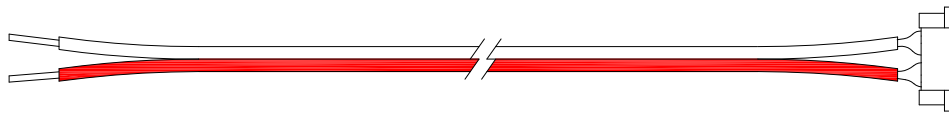
ZPS-1235 12V, 35 Watt Power Supply
 ZPS-1260 12V, 60 Watt Power Supply
 ZDM-01 PWM LED Dimmer

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

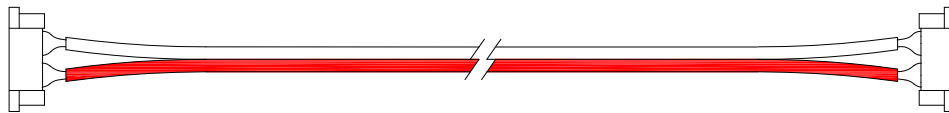
Mating Components



ZFS-CHO-J: Solderless Connector



ZFS-CH200-I:
 Solderless Input Connector



ZFS-CH205-J:
 Solderless Joiner Connector

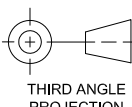
Note

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



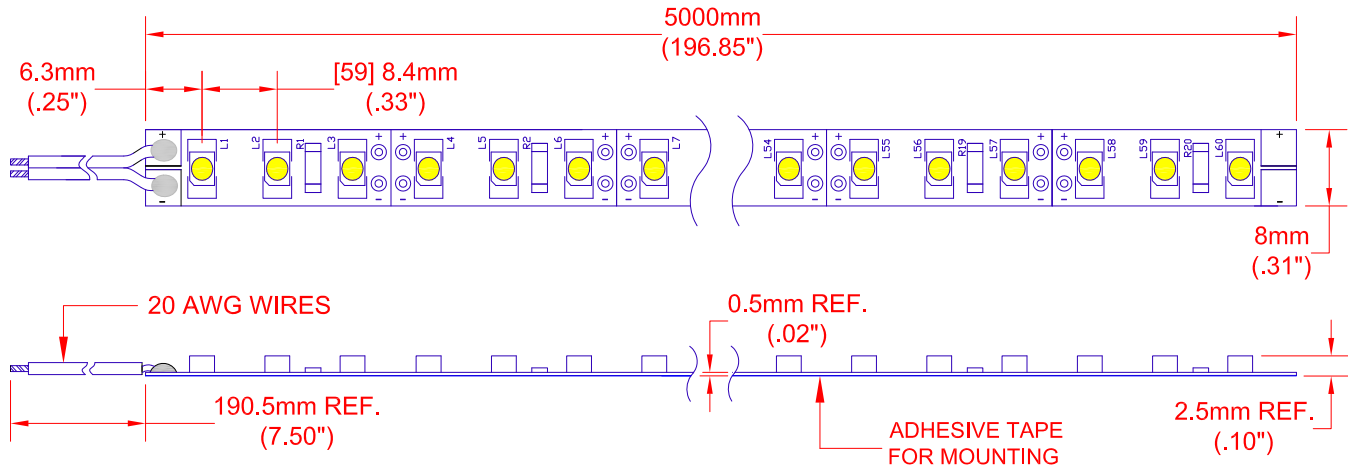
ATTENTION

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
- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED											

HIGH DENSITY 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 (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

