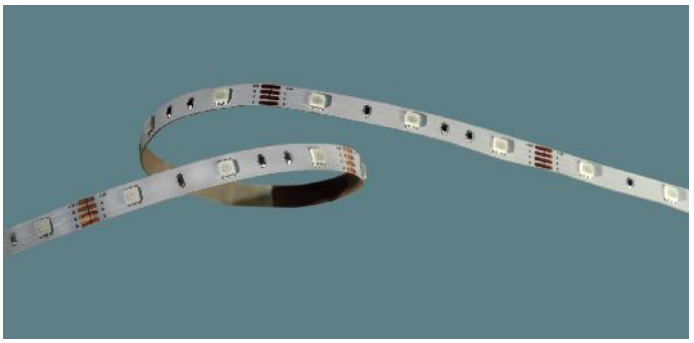
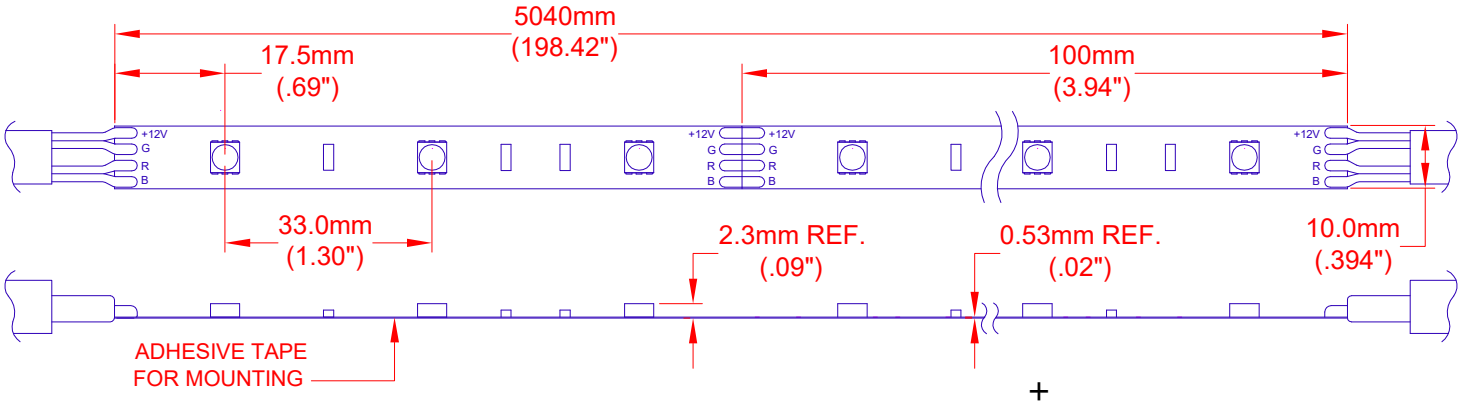
10mm X 5040mm RGB LIGHT RIBBON

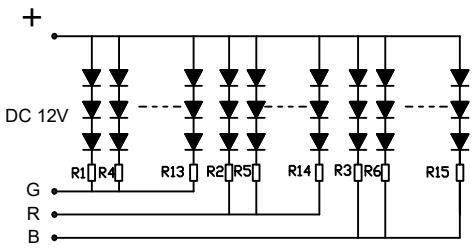
FEATURES

VOLTAGE: 12V DC
CURRENT: 3A
LED VIEWING ANGLE (2 θ 1/2): 100°

STANDARD PACKAGING:
5 METER REEL (150 LED"S
OPTIONAL PACKAGING:
INDIVIDUAL 504mm SECTIONS (15 LED'S)
ORDER AS ZFS-10504-RGB/SEC
Note: Individual Sections ARE NOT supplied with insulated wire connections.





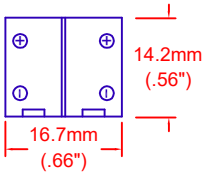


Electrical/Optical Characteristics at TA = 25ºC

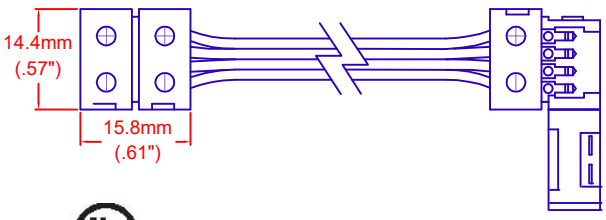
Parameter	Symbol	Color	Condition	Min	Typ	Max	Unit
Forward Voltage DC	VF	RGB	IF = 3A	- -	12	- -	V
Dominant Wavelength	λD	R	IF = 1A	621	624	- -	nm
		G	IF = 1A	515	518	- -	
		B	IF = 1A	469	471	- -	
Luminous Flux	φV	R	IF = 1A	- -	95	- -	lm
		G	IF = 1A	- -	330	- -	
		B	IF = 1A	- -	95	- -	
Recommend Forward Current	IF(rec)	- -	- -	- -	3	- -	A

Mating Components

ZFS-CH0-RGB10J Flex to Flex
No Solder Connector



ZCH-170-RGB-J Flex Ribbon Joiner Harness



ATTENTION
OBSERVE PRECAUTION
FOR HANDLING ELECTROSTATIC
DISCHARGE SENSITIVE DEVICES

E365522

JKL PART NO.: ZFS-10504-RGB

REV NO.	DESCRIPTION/ECO NUMBER	APPV'D DATE
K	MATING COMP. PART # TO ZFS-CH0-RGB10J	8/9/16
J	CHANGE SEQUENCE OF WIRE COLORS	2/18/16
I	ADD SEGMENT DIM LENGTH	4/9/15
H	CHANGE MATING COMPONENTS	6/4/14
G	ADD UL SYMBOL	12/9/13
F	ADD MATING COMPONENT	5/20/13
	RELEASE & CANCEL PL-0802-06	5/12/09

METRIC
THIRD ANGLE PROJECTION

DIMENSIONS ARE IN mm (INCHES)
TOLERANCE UNLESS OTHERWISE SPECIFIED
1 PL +/- REF.
2 PL +/- REF.
ANGLE +/-

JKL COMPONENTS CORPORATION

TITLE: RGB LED FLEX STRIP

DRAWN BY	APPV'D BY	DATE	SIZE	FSCM NO.	DRAWING NO.
L. WENGSTROM	L.R.	8/9/16	A	55335	ZFS-10504-RGB

- CAD DRAWING -
MANUAL REVISIONS NOT PERMITTED

SCALE	RELEASED DATE	REVISION DATE	REV. NO.	SHEET
NONE	5/12/09	8/9/16	K	1 OF 1