

11mm X 38.5mm WATERPROOF LED MODULES

FEATURES

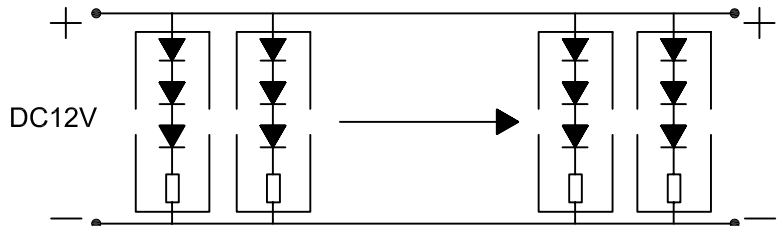
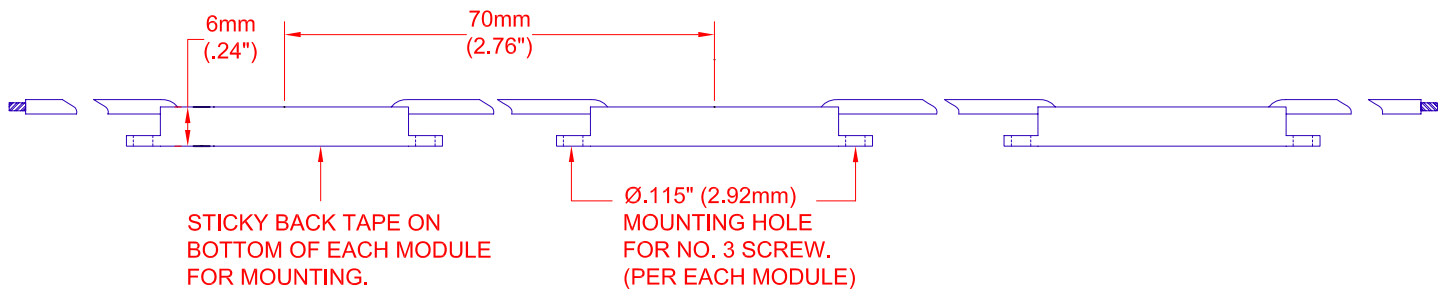
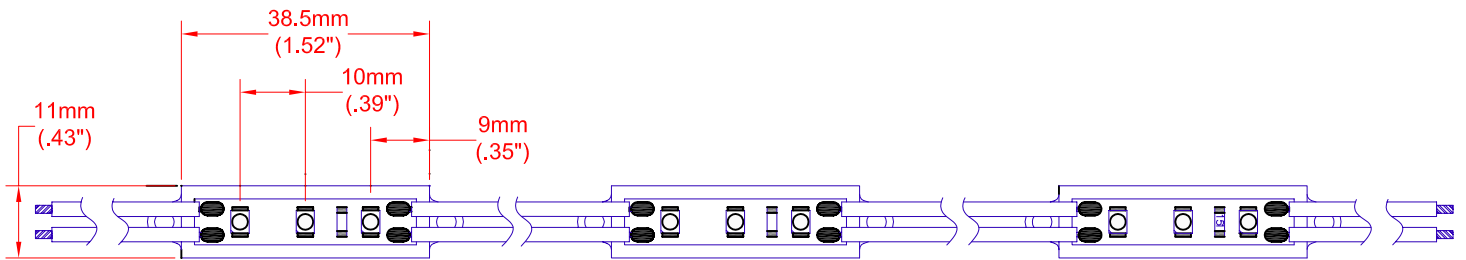
WORKING VOLTAGE: 12V DC.

WORKING CURRENT: 20mA.

LED VIEW ANGLE (2 θ 1/2): 120°.

MODULE THICKNESS: 6mm.

PACKAGE: 200 pcs/BAG.

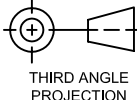


ATTENTION



OBSERVE PRECAUTION FOR HANDLING ELECTROSTATIC DISCHARGE SENSITIVE DEVICES

JKL PART NO.: ZM-1138-CW

		METRIC  THIRD ANGLE PROJECTION		DIMENSIONS ARE IN MILLIMETERS TOLERANCE UNLESS OTHERWISE SPECIFIED 1 PL +/- 1 2 PL +/- ANGLE +/-		JKL COMPONENTS CORPORATION TITLE: 11mm X 39.5mm COOL WHITE WATERPROOF LED MODULES (3-LED)				
RELEASED		12/13/07		DRAWN BY: L. WENGSTROM APPV'D BY: L. R. DATE: 12/13/07	SIZE: A SCALE: NONE	FSCM NO.: 55335 DRAWING NO.: ZM-1138-CW	RELEASED DATE: 12/13/07 REVISION DATE:		REV. NO.:	SHEET 1 OF 2
REV. NO.	DESCRIPTION/ECO NUMBER	APPV'D DATE	- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED			SCALE	RELEASED DATE	REVISION DATE	REV. NO.	SHEET

11mm X 38.5mm WATERPROOF LED MODULE

Absolute Maximum Rating at TA = 25°C

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	20	mA
Power Dissipation	PD	0.24	W
Electrostatic Discharge	ESD	800	V
Operating Temperature	Topr	-25~+60	°C
Storage Temperature	Tstg	-40~+80	°C

Electrical/Optical Characteristics at TA = 25°C

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage DC	V _F	IF = 20mA	--	12	--	V
Color Coordinates	x, y	IF = 20mA	.285	.300	.315	x
			.285	.310	.335	y
Luminous Flux	φ _V	IF = 20mA	--	9	--	lm
Recommend Forward Current	IF(rec)	--	--	20	--	mA

PACKAGING



200 pcs/BAG

JKL COMPONENTS
CORPORATION

DRAWING NO. ZM-1138-CW

RELEASED DATE 12/13/07

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SHEET 2 OF 2