



NATIONSTAR

# P3528 Series

High Luminous Efficacy



## FEATURES:

- Thin encapsulation with heat sink , efficient heat dissipation
- module etc. cost-effective
- Applicable to LED bulb , downlights
- Rated power : 1 W / 0.5 W / 0.2 W

## ABSOLUTE MAXIMUM RATINGS:

Rated power	Color	Part number	Color temp ( K )	CRI Ra Min	I F( mA) TEST	$\Phi_v$ ( l m ) Typ.	VF( V) Typ.	I R( $\mu$ A) Max*1
1W/ 6V	Natural white	FM-CP3528WNS-460W-R80	5600-6500	80	150	100	6.4	10
	Neutral white	FM-CP3528WDS-460W-R80	3700-4200	80	150	100	6.4	10
	Warm white	FM-CP3528WLS-460W-R80	2800-3200	80	150	95	6.4	10
1W/ 3V	Natural white	FM-DP3528WNS-460W-R80	5600-6500	80	300	100	3.2	10
	Neutral white	FM-DP3528WDS-460W-R80	2800-3200	80	300	100	3.2	10
	Warm white	FM-DP3528WLS-460W-R80	2800-3200	80	300	95	3.2	10
0.5W	Natural white	FM-P3528WNS-460W-R80	5600-6500	80	150	55	3.2	10
	Neutral white	FM-P3528WDS-460W-R80	3700-4200	80	150	55	3.2	10
	Warm white	FM-P3528WLS-460W-R80	2800-3200	80	150	52	3.2	10
0.2W	Natural white	FM-P3528WNS-460Q-R80	5600-6500	80	60	22	3.2	10
	Neutral white	FM-P3528WDS-460Q-R80	3700-4200	80	60	22	3.2	10
	Warm white	FM-P3528WLS-460Q-R80	2800-3200	80	60	20	3.2	10

## DIMENSIONS/UNIT(mm):

### Thermal Dissipating Structure:



With a structure of the chip being placed on thermal pad the heat could be conducted to the PCB directly.

### Dimensions/Unit:mm

