

JOINSCAN LEDs

Ø 10.0 mm 3PINs DUAL COLOR DIFFUSION TYPE LED LAMP	
MODEL NO.	L105SFM+
EMITTING COLOR	BLUE / BLUE
DICE	SiC / SiC
LENS	DIFFUSION TYPE

ABSOLUTE MAXIMUM RATINGS (最大極限值)				
TA = 25℃				
PARAMETER		SYMBOL	RATING	UNIT
D1	BLUE POWER DISSIPATION	P AD	72.0	mW
D2	BLUE POWER DISSIPATION	P AD	72.0	mW
DERATING LINEAR FROM 25℃			0.27	m / ℃
D1	BLUE CONTINUOUS FORWARD CURRENT	I AF	20.0	mA
D2	BLUE CONTINUOUS FORWARD CURRENT	I AF	20.0	mA
PEAK FORWARD CURRENT (DUTY CYCLE 1 / 10 , 10KHZ)		I PF	90.0	mA
REVERSE VOLTAGE		V R	5.0	V
OPERATING TEMPERATURE		T OPR	-25℃ TO + 85℃	
STORAGE TEMPERATURE		T STG	-25℃ TO + 85℃	
SOLDER TEMPERATURE 1/16 INCH BELOW SEATING PLANE FOR 5 SECONDS AT 230 ℃ OR 3 SECONDS AT 250℃				

D1 BLUE ELECTRO - OPTICAL CHARACTERISTICS (電性) TA = 25 °C						
PARAMETER	SYMBOL	CONDITION	MIN	TYP	MAX	UNIT
FORWARD VOLTAGE	V F	I F = 20mA	—	3.6	—	V
LUMINOUS INTENSITY	I V	I F = 20mA	—	50	—	mcd
PEAK EMISSION WAVELENGTH	λ P	I F = 20mA	—	470	—	nm
REVERSE CURRENT	I R	VR = 5V	—	—	100	μA

D2 BLUE ELECTRO - OPTICAL CHARACTERISTICS (電性) TA = 25 °C						
PARAMETER	SYMBOL	CONDITION	MIN	TYP	MAX	UNIT
FORWARD VOLTAGE	V F	I F = 20mA	—	3.6	—	V
LUMINOUS INTENSITY	I V	I F = 20mA	—	50	—	mcd
PEAK EMISSION WAVELENGTH	λ P	I F = 20mA	—	470	—	nm
REVERSE CURRENT	I R	VR = 5V	—	—	100	μA

