

# JOINSCAN LEDs

Ø 8.0 mm 3PINs DUAL COLOR DIFFUSION TYPE LED LAMP	
MODEL NO.	L8052MX+
EMITTING COLOR	YELLOW / RED
DICE	GaP / GaAsP/GaP
LENS	DIFFUSION TYPE

ABSOLUTE MAXIMUM RATINGS ( 最大極限值 )			
TA = 25°C			
PARAMETER	SYMBOL	RATING	UNIT
D1 YELLOW POWER DISSIPATION	P AD	44.0	mW
D2 RED POWER DISSIPATION	P AD	40.0	mW
DERATING LINEAR FROM 25 °C		0.27	m / °C
D1 YELLOW CONTINUOUS FORWARD CURRENT	I AF	20.0	mA
D2 RED 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°C TO + 85°C	
STORAGE TEMPERATURE	T STG	-25°C TO + 85°C	
SOLDER TEMPERATURE 1/16 INCH BELOW SEATING PLANE FOR 5 SECONDS AT 230 °C OR 3 SECONDS AT 250 °C			

D1 YELLOW ELECTRO - OPTICAL CHARACTERISTICS ( 電性 )						
TA = 25°C						
PARAMETER	SYMBOL	CONDITION	MIN	TYP	MAX	UNIT
FORWARD VOLTAGE	V F	IF = 20mA	—	2.0	—	V
LUMINOUS INTENSITY	I V	IF = 20mA	—	15	—	mcd
PEAK EMISSION WAVELENGTH	$\lambda P$	IF = 20mA	—	600	—	nm
REVERSE CURRENT	I R	VR = 5V	—	—	100	$\mu A$

D2 RED ELECTRO - OPTICAL CHARACTERISTICS ( 電性 )						
TA = 25°C						
PARAMETER	SYMBOL	CONDITION	MIN	TYP	MAX	UNIT
FORWARD VOLTAGE	V F	IF = 20mA	—	1.8	—	V
LUMINOUS INTENSITY	I V	IF = 20mA	—	50	—	mcd
PEAK EMISSION WAVELENGTH	$\lambda P$	IF = 20mA	—	635	—	nm
REVERSE CURRENT	I R	VR = 5V	—	—	100	$\mu A$

