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SUPER BRIGHT ROUND TYPE LED LAMPS				LVX3930		SERIES												
PACKAGE DIMENSION					RADIATION													
note:1. all dimension are in millimeter tolerance is $\pm 0.25\text{mm}$ 2. protruded resin under flange is 1.5mm max																		
• PART SELECTION AND APPLICATION INFORMATION (RATINGS AT 25°C AMBIENT)																		
PART NO	MATERIAL	COLOR		peak wave length λ_{Pnm}	spectral halfwidth $\Delta\lambda \text{ nm}$	forward voltage @20mA(v)		luminous intensity @20mA(mcd)		viewing angle 2 θ 1/2 (deg)								
		Emitted	LEN'S			Min	Max	Min	TYP.									
LSR3930	GaAlAs	RED	red diffused	660	20	1.5	2.4	28	50	44								
LHR3930	GaAlAs	RED	red diffused	660	20	1.5	2.4	50	100	44								
LUR3930	GaAlAs	RED	RED diffused	660	20	1.5	2.4	120	240	44								
LVG3930	GaP	GREEN	GREEN diffused	565	30	1.7	2.8	21	40	44								
LVY3930	GaAsP/GaP	YELLOW	YELLOW DIFFUSED	585	35	1.7	2.8	21	36	44								
LVR3930	GaAsP/GaP	ORANGE	ORANGE diffused	635	45	1.7	2.8	21	40	44								
• abSolute maximum rating (Ta=25°C)																		
PARAMETER	RED			GREEN		YELLOW		ORANGE		UNIT	REMARK							
	SR	HR	UR	VG		VY		VR	E									
forward current	40	40	40	30		20		30		mA								
peak current duty 1/10 @1khz	200	200	200	120		80		120		mA								
power dissipation	80			100		60		100		mW								
reverse CURRENT @5V	100			100		100		100		μA								
operating temperature	-40°C TO +85°C																	
storage temperature	-40°C TO +100°C																	
lead soldering temperature 260°C for 5 seconds (2.0mm from body)																		
文件編號:QW0905-LVX3930				版本:B		生效日期:Jun.7.1997												