

ESM-3070 Series LED, GaP mounted in a clear package, is compact, low profile, side looking, and surface mount type.

Applications: Any type of indicators, mounted on PCB or panel, Mobil Telecommunication Handset, Backlighting

Specifications & Ratings:

Parameter @ 25°C	Symbol	Conditions	Min.	Typ.	Max.	Absolute	Unit
Reverse Voltage	VR					5	V
Forward Current	IF					60	mA
Pulse Forward Current	IFP					1	A
Power Dissipation	PD					100	mW
Operating Temperature	Topr					-20~+80	°C
Storage Temperature	Tstg					-30~+100	°C
Soldering Temperature	Tsol	10sec. Max.				240	°C
Forward Voltage	VF	IF=60mA	1.3	1.8	2.6		V
Reverse Current	IR	VR=5V			10		μA
Capacitance	Ct	f=1MHz		25			pF
Radiant Intensity	Po	IF=60mA	24				MW/sr
Peak Wavelength	λ_p	IF=60mA		660* 575** 565*** 635****			nm
Spectral Bandwidth	$\Delta\lambda$	IF=60mA		50			nm
Half Angle	$\Delta\theta$			±15			deg

* ESM-3074 : High in Red

*** ESM-3076 : Green

** ESM-3075 : Yellow Green

**** ESM-3077 : Orange

