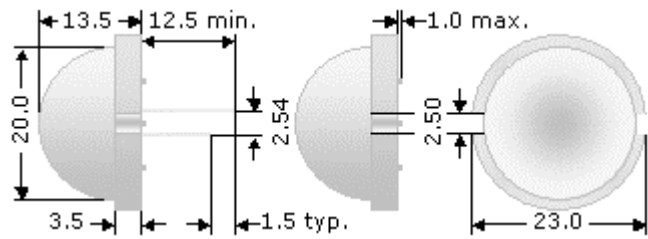


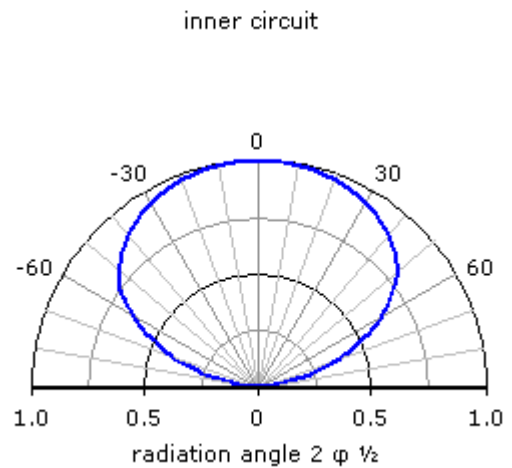


Product UR 20590

discrete diodes 20 mm
color red

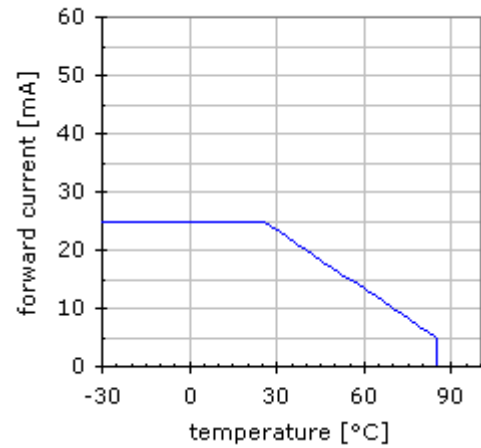


product-catalog	discrete diodes 20 mm
color	red
part no	UR 20590
peak wavelength λ_p [nm]	645
Iv [mcd] @ 20 mA min	40
Iv [mcd] @ 20 mA typ	70
radiation angle $2 \varphi_{1/2}$	140
chip construction	InGaAlP
forward voltage typ. [V]	6.0
case color	red, diffus., mat.



InGaAlP operating characteristics - color red
maximum ratings

forward current max.	$I_{F \max}$	25 mA
pulse current max. (1/10 tp)	$I_{P \max}$	50 mA
reverse voltage	$V_{R \max}$	4.0 V
reverse current	$I_{R \max}$	10 μ A
operating temperature	t_{opr}	-30 .. +85 °C
storage temperature	t_{stor}	-30 .. +100 °C
power dissipation	$P_{d \max}$	180 mW
forward voltage max.	$V_{F \max}$	7.2 V





dip and wave soldering instructions

- temperature of the soldering bath 260° celsius
- maximum soldering time 5 second
- distance from solder joint to case is 2.0 mm

note

- all dimension are in millimeter
- tolerance is ± 0.25 mm unless otherwise noted
- specifications are subject to change whithout notice
- version 1.0 UR20590

