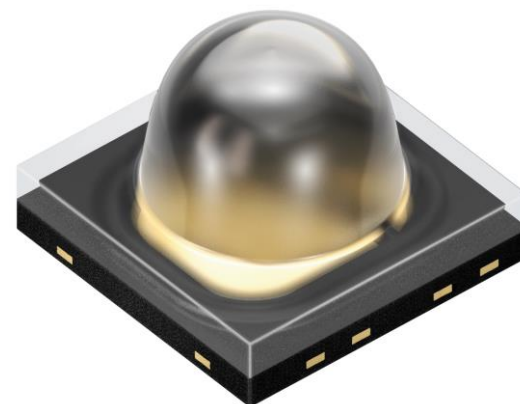


Fact sheet SFH 4718A

Product SFH 4718A
Brand OSOLON Black
Status PRES

Electro-optical performance data

	SFH 4718A
Wavelength	850 nm
Half angle	±20°
Chip type	Single junction
Radiant flux @ $I_{f,max}$	665 mW
Rad. intensity @ $I_{f,max}$	730 mW/sr
Forward voltage (typ.)	1.75 V
Max. DC current ($I_{f,max}$)	1.0 A
Surge current	1.0 A
Rise/fall time (typ.)	11 / 15 ns
Thermal resistance	max. 16 K/W



Mechanical and other data

	SFH 4718A
Pkg. footprint	3.75 mm x 3.75 mm
Pkg. height	2.66 mm
Lens material	Silicone
Op. temperature	-40 to 125°C