

# BS Elektronik Service GmbH

## 140-SG

### Maximum Ratings at TA = 25°C

DC Forward Current	350 mA
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### Typical Electrical/Optical Characteristic at TA = 25°C, If = 350 mA DC

Parameter	Condition	Min.	Typ.	Max.	Unit
Forward Voltage ( V <sub>f</sub> )	I <sub>f</sub> = 350 mA	-	3.5	3.8	V
Reverse Current ( I <sub>r</sub> )	V <sub>r</sub> = -5V	-	-	5	μA
Spectral Width ( Δλ )	I <sub>f</sub> = 350 Ma	-	30	50	nm

### Part Number:

Wd(nm) Iv(mcd)	495~500	500~510	510~520	520~530	530~535
6000~7000				FG2T46T-S/L	FG2T56T-S
7000~8000	FG2T17T-L	FG2T27T-S/L	FG2T37T-S/L	FG2T47T-S/L	FG2T57T-S
8000~9000	FG2T18T-L	FG2T28T-S/L	FG2T38T-S/L	FG2T48T-S/L	FG2T58T-S
9000~10000	FG2T19T-L	FG2T29T-S/L	FG2T39T-S/L		
10000~11000	FG2T1AT-L	FG2T2AT-S/L	FG2T3AT-S/L		
11000~12000					

### Mechanical Specifications:

Die Size	1016um x 1016um ±20um.
Die Thickness	90um ±20um.
Contact Metal	P contact are Au for consistent ,reliable bonds and N contact are Au
Backside Metal	Al

