

BS Elektronik Service GmbH

140-SB

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

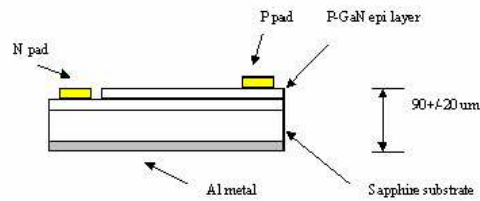
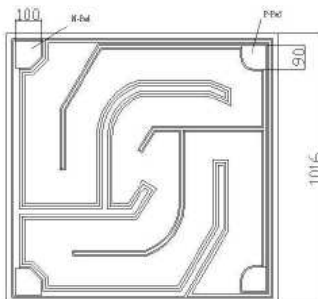
Parameter	Condition	Min.	Typ.	Max.	Unit
Forward Voltage (V_f)	$I_f = 350 \text{ mA}$	-	3.5	3.8	V
Reverse Current (I_r)	$V_f = -5\text{V}$	-	-	5	μA
Spectral Width ($\Delta \lambda$)	$I_f = 350 \text{ mA}$	-	30	50	nm

Part Number:

Wd(nm) Iv(mcd)	450~455	455~460	460~465	465~470	470~475
1200~1600	FB2T5BH				
1600~2000	FB2T5CH	FB2T4CH			
2000~2400	FB2T5DH	FB2T4DH	FB2T1DH		
2400~2800		FB2T4EH	FB2T1EH		
2800~3200			FB2T1FH	FB2T2FH	
3200~3600				FB2T2GH	FB2T3GH
3600~4000				FB2T2HH	FB2T3HH
4000~4400					

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



Above drawing is not on real scale