

BW10-1550-T-PSFA

TO-56 7Pin TOSAs (2/08/2022)

Device ID	Threshold (mA) [3]	Peak Power @ 12V (dBm) [3]	Current @ Peak Power (mA) [3]	Voltage at Iop (V) [3][4]	Initial Wavelength @ Vt = 0V, Iop = 18mA (nm) [3][4][5]	Maximum Tuning Range @18mA(nm) [4][5]	VT Max (V)
B21A04-0010	6.80	0.10	18.60	1.73	1560.40	8.72	18
B21A04-0011	7.40	0.61	18.60	1.72	1559.84	8.88	18
B21A04-0012	7.00	-0.05	17.80	1.73	1560.00	8.80	18
B21A04-0013	7.00	-0.02	17.80	1.74	1560.32	8.64	18
B21A04-0015	6.40	0.56	18.00	1.70	1560.00	8.88	18
B21A04-0016	6.80	-0.25	20.00	1.71	1560.24	9.12	18
B21A04-0017	7.60	-0.13	19.40	1.71	1559.92	8.80	18
B21A04-0019	7.20	0.21	18.20	1.73	1559.76	8.80	18
B21A04-0020	6.60	0.88	17.60	1.71	1560.00	8.80	18
B21A04-0021	6.20	0.83	18.00	1.70	1560.00	8.80	18

Testing Conditions & Notes:

[1] TEC setting at 25 °C

[2] Ambient temperature around 22 °C

[3] LIV test data & center wavelength collected at tuning voltage = 12 Volt

[4] Wavelength tuning range collected at forward current (Iop) of 18.0 mA

[5] Sweep tuning voltage: 0 to 18 Volt. The initial wavelength is starting at 0 V of tuning voltage.

[6] tunable wavelengths : [Initial wavelength @ 0V] – [Max. Tuning Range]

e.g., B21A04-0010- of the last tunable wavelength = 1560.4 – 8.72 =1551.68 nm

