



Device Ser No. : B104481.001
 Chip Ser No. : 15394A-V1408
 Date : 12 August 2002 12:22:58

Software Name : 3.00.24
 Tester ID : RLGRIMWOOD
 Node No. : 570
 Device type : NT8W3519

Case temperature 25 Deg C unless stated

Monitor dark current	(nA)	.30	
Threshold current	(mA)	28.97	
Laser forward current @ 150mW facet power	(mA)	219.0	
Fibre power @ 150 mW facet power	(mW)	115.1	
Monitor current @ 200 mW & 270 mW Fibre Power	(mA)	1.56	2.09
Monitor Photodiode Responsivity	(uA/mW)	8.20	
Forward Voltage @ 150 mW facet power:	(V)	1.48	
Laser Current for 150 mW & 160 mW Fibre Power	(mA)	273.0	289.0
Laser Current for 170 mW & 180 mW Fibre Power	(mA)	304.0	320.0
Laser Current for 190 mW & 200 mW Fibre Power	(mA)	335.0	351.0
Laser Current for 210 mW & 230 mW Fibre Power	(mA)	367.0	400.0
Laser Current for 250 mW & 270 mW Fibre Power	(mA)	434.0	468.9
Laser Current for 290 mW & 310 mW Fibre Power	(mA)	502.0	530.0
Laser Current for 330 mW & 350 mW Fibre Power	(mA)	559.0	.0
Linear Power & Current (-20 - 75 Deg C)	(mW) (mA)	319.2	572.0
Rated Power & Current (450 mA limit)	(mW) (mA)	260.1	450.0
Rated Power & Current (500 mA limit)	(mW) (mA)	289.6	500.0
Rated Power & Current (550 mA limit)	(mW) (mA)	325.1	550.0
Rated Power & Current (600 mA limit)	(mW) (mA)	336.8	572.0
Rated monitor current (400 mA limit)	(mA)	1.78	
TEC Current @ If=550 mA, 75 Deg C Case	(A)	.97	
TEC Voltage @ If=550 mA, 75 Deg C Case	(V)	2.04	
Thermistor Resistance @ 25 Deg C	(kOhms)	9.86	
Max Total Power Consumption (EOL)	(W)	2.82	
Monitor Current (400 mA rating) 25 Deg C	(mA)	1.79	
Fibre Power (400 mA rating) 25 Deg C	(mW)	230.3	
Fibre Power (400 mA rating) -20 Deg C	(mW)	230.3	
Fibre Power (400 mA rating) 75 Deg C	(mW)	230.7	