



TEST REPORT for LD Module ***** MITSUBISHI ELECTRIC CORP.

Type No. : FU-68PDF-V510M49B
 Serial. : 008442
 Test Date : 00-09-10

No.	Items	Symbols	Conditions	Specifications		Values	Units
				min.	max.		
1	Threshold cur.	Ith	CW	0.0	25.0	12.4	mA
2	LD current	Iop	CW Pf=10mW	0.0	100.0	70.1	mA
3	LD Voltage	Vop	CW Pf=10mW	0.00	1.80	1.26	V
4	Monitor current	Imon	CW Pf=10mW	0.200	2.000	0.790	mA
5	Cooler current	Ipe	Tc=70C	0.00	1.00	0.40	A
6	Cooler voltage	Vpe	Tc=70C	0.00	2.00	0.88	V
7	Thermister Res.	Rth	Tld=Tt	6.1	13.2	10.7	kohm
8	Wavelength	λc	CW Pf=10mW	1545.27	1545.37	1545.32	nm
9	Opt. Efficiency	dP/dI	CW Pf=10mW	0.100	0.500	0.173	mW/mA
10	SMSR	Sr	CW Pf=10mW	33.0	60.0	44.4	dB
11	Tuning temp.	Tt	CW Pf=10mW	20.0	35.0	23.1	C

***** Laser Diode characteristic graph *****

