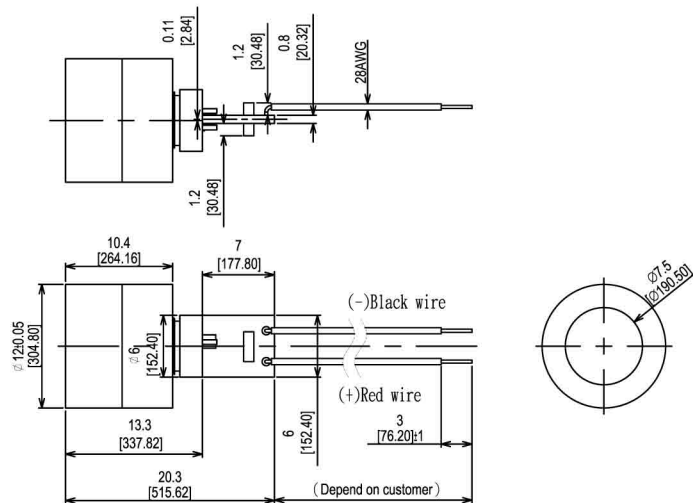
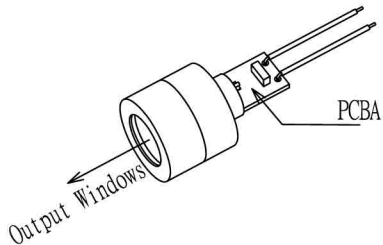


TOLERANCE

≤ 10 ± 0.2 ≤ 50 ± 0.5 ≤ 100 ± 1



OPTICAL:

PARAMETER	MIN.	TYPICAL	MAX.	UNIT
Wavelength	650	655	660	nm
Optical OutPut Power	2.5	3.0	3.5	mW
Wavelength Drift	0.2			nm/°C
Noise(20MHz Bandwidth)	0.5%			RMS
Laser Operation	Continuous Work			
Laser Structure	Single Mode Laser			
Focus Lens	PMMA Plastic Lens			
Beam Divergence	2.0			mrad
Laser pattern at 10m	8 X 12			mm

ELECTRICAL:

PARAMETER	MIN.	TYPICAL	MAX.	UNIT
Control Circuit	Auto Power Control			
Operating Voltage	2.6	3.0	3.5	V
Operating Current	35			mA
Electrical Connections	(+) : Red (-) : Black			
Lif Time	3000			Hours
Operating Environment	-10 / 20	Normal	50 / 80	°C / RH
Storage Environment	-40 / 20	Normal	80 / 80	°C / RH

MECHANICAL:

PARAMETER	MIN.	TYPICAL	MAX.	UNIT
Dimension	See Chart			mm
Cable	Depend On Customer			mm

RELIABILITY TEST:

PARAMETER	MIN.	TYPICAL	MAX.	UNIT
Vibration Test	Depend On Customer			
Drop Test	8 times at 1 metre after packing			
Voltage Test	2.6	3.0	3.5	V
Temperature Test	-10	25	50	°C

REV.	MODIFICATION	DATE	DRAW	APPROVE	ECN NO.
V1.0	FIRST ISSUE	2008.10.30	Michael	Jason	

Part Name	Red Laser Point Module	APPROVE	Jason	2008.10.30	MATERIAL	Copper	
		CHECK	Karry	2008.10.30		Deal With	
	Part NO.	DLM-165-1202-205	DRAW	Michael	2008.10.30	SHEET	1/1
				SCALE	2 : 1	UNIT	mm

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PROJ.