

SPECIFICATION

CUSTOMER :

PARTS DESCRIPTION : CARD LASER MODULE

CUSTOMER MODEL NO. : LM-102-B119

VENDOR MODEL NO. : LM-102-B119

DATE:30/05/2005

APPROVED	CHECKED	TABULATOR
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WENTA ELECTRONIC (SHENZHEN) CO., LTD.

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1. General:**1-1 Purpose**

Offer a product, which has stable quality and function.

1-2 Range

This specification is suitable for the laser unit of LM-102-B119

2. Appearance:

Please refer to Appearance Drawing No. LM-102-B119

3. Specification:

3-1 Average Wavelength:.....650nm(645nm-660nm)

3-2 Applicable Lens:.....A plastic lens for each unit

3-3 Output power:.....0.45 to 0.80mW (FDA approval)

3-4 Beam Dimension:.....Output Aperture about 3.5mm × 1.7mm(± 0.5mm)

.....No ghost spot at 3M distances.

.....Beam size is 10~15mm at 10M distance.

.....(Measure condition under the temperature 25

± 3)

3-5 Laser spot:.....Circle

3-6 Input Power Source:.....DC3.1V ± 10%

3-7 Consumption Current:.....typical: 35mA , Max: 40mA

3-8 Wire:.....pin

3-9 Solder Material:.....SN 63%, 0.8mm

.....Super solder wire with high-class flux

3-10 Body:.....Plastic (PPS)

3-11 Life Time:.....3000 hours

4. Wire (PIN) Definition:

As same as picture.....(+): DC+3.1

.....(-):GND

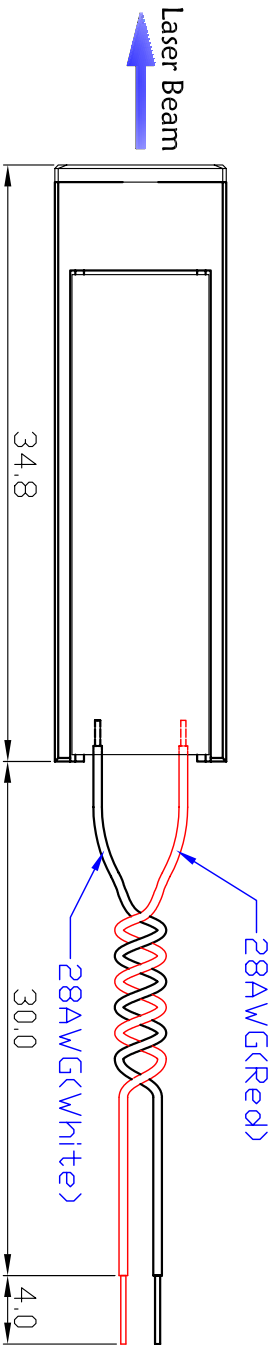
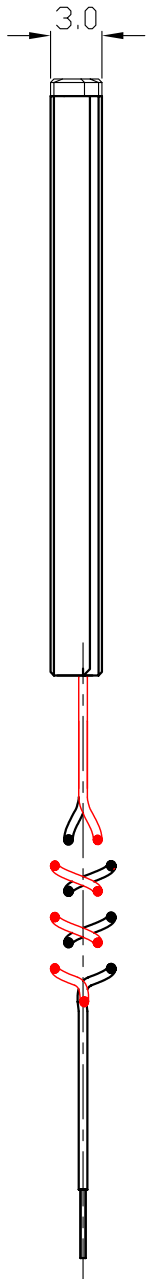
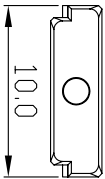
5. Environment Condition:

5-1 Storage Temperature and Humidity.....-20 ~70 /93~95Rh

.....(Storage in 3 weeks)

5-2 Operating Temperature and Humidity.....0 ~40 /20~80Rh

.....(No Condense)



REV.	DESCRIPTION	DATE
1		
2		
3		

TITLE: Card Laser Module				WENTA ELECTRONIC CO.,LTD.			
SCALE		MATERIAL		TOLERANCES UNLESS:	QUADRANT		
DRAWN		DATE		XXX, ±0.1	UNIT: mm		
CHECKED		DATE		XXX ±0.05			
APPROVED		DATE		XXX ±0.01			
DRAWING NO.				LM-102-B119	REV.	A0	