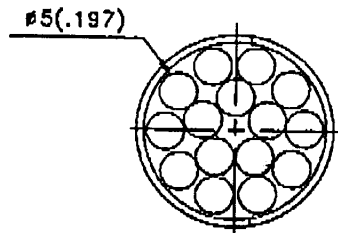


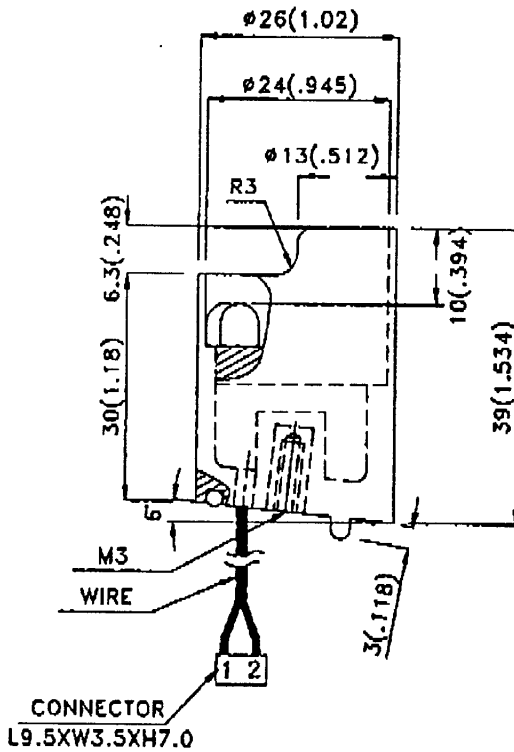
26mm INFRARED EMITTER CLUSTER

BL0106-15-29

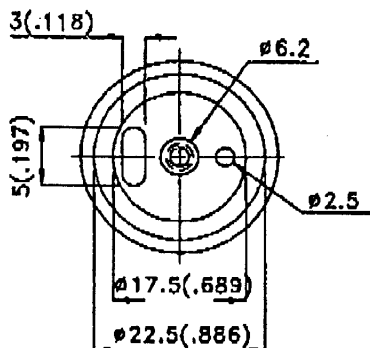
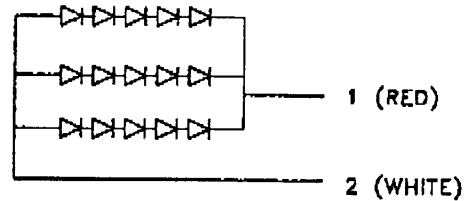


UNIT : MM (INCH)

TOLERANCE: $\pm 0.25(\pm 0.01)$



L-1583SF4C-15



COMPLETED DATE

12/07/93

APPROVED BY

L. C-H

Absolute Maximum Ratings

Parameter	Symble		Unit
Continuous forward Current (DC)	I_F	90	mA
Power Dissipation	P_D	0.9 ~ 2.0	Watt
Reverse Voltage (DC)	V_R	5	Volt
Operating Temperature	T_{opr}	-5 to +65	°C
Storage Temperature	T_{stg}	-10 to +85	°C

Electro-optical Characteristics (DC)

Parameter	Symble	Min.	Typ.	Max.	Unit	Conditions
Forward Voltage	V_F	-	7.0	7.4	Volt	$I_F=60\text{mA}$
Reverse Current	I_R	-	-	100	μA	$V_R=18\text{V}$
Radiant Intensity	R_I	8			mW	$I_F=60\text{mA}$
Peak Emission Wavelength	λ_P		880		nm	$I_F=60\text{mA}$
Spectrum Radiation Bandwidth	$\Delta\lambda$	-	50	-	nm	$I_F=60\text{mA}$
Response Frequency	F_C	-	8	-	MHz	-
Viewing Angle to Half-Intensity	$2\theta_{1/2}$		130		Deg	