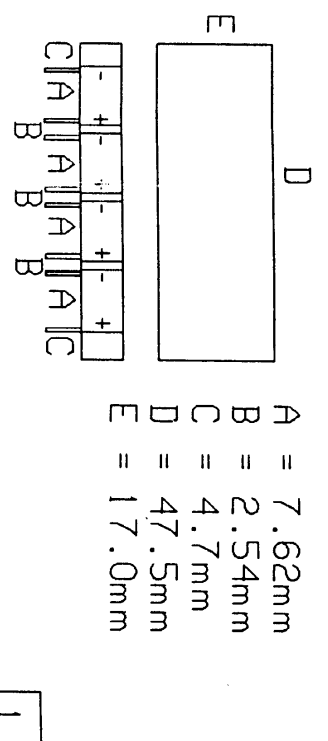


254 162 To 254 198

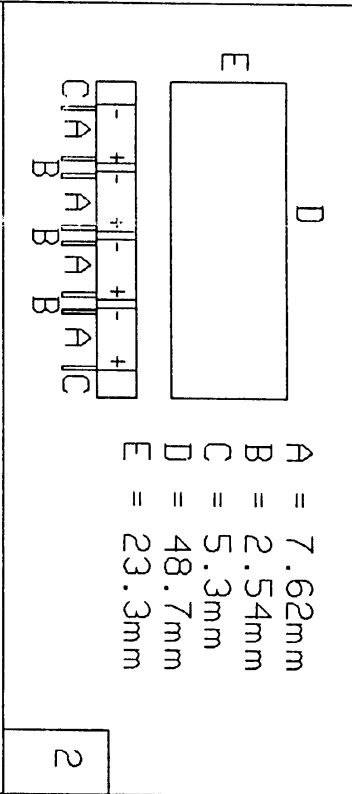
DATA SHEET
 FBL 01 A/B LED TECHNOLOGY LTD BACKLIGHT ASSEMBLY

MAX RATINGS @ 25deg C	TECHNICAL SPECIFICATION			OPERATING TEMPERATURE FOR COMPLETE ASSEMBLY
PARAMETER PER EMITTER	RED	GREEN	UNIT	-20deg C to +55deg C
REVERSE VOLTAGE Vr	6	10	V	STORAGE TEMPERATURE FOR COMPLETE ASSEMBLY -20deg C to +60deg C
AVERAGE FORWARD CURRENT If	25	25	ma	
PEAK FORWARD CURRENT 1u SEC PULSE, 0.3% DUTY CYCLE Ifsm	1000	1000	ma	SOLDERING TEMPERATURE + 260deg C MAXIMUM
POWER DISSIPATION Pt	100	85	mw	SOLDERING TIME 5 SEC MAXIMUM
DERATE LINEARLY FROM 30deg C	0.45	0.45	mw/deg C	
ELECTRICAL/OPTICAL CHARACTERISTICS (Ta=25deg C: If=20ma)				
FORWARD VOLTAGE Vf TYPICAL	3.4	4.2	V	CLEANING AGENT ONLY USE ALCOHOL BASED SUBSTANCE SUCH AS ISOPROPANOL
Vf MAXIMUM	4	6	V	
REVERSE CURRENT Ir	100 @ Vr = 6v	100 @ Vr = 10v	uA	
PEAK WAVELENGTH	655	567	nm	AVOID BENDING OR PERFORMING OF LED LEGS TO REDUCE STRAIN ON LED LEAD FRAME
SPECTRAL LINE HALFWIDTH	45	50	nm	

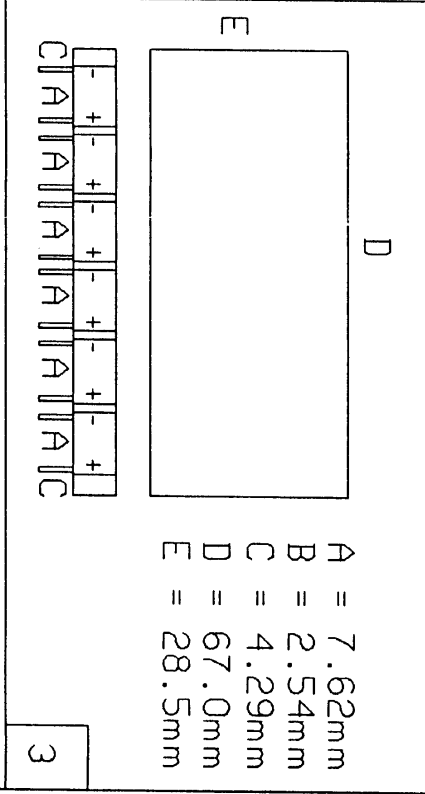
ITEM	COLOUR	PART NUMBER	F.E.C. CODE
1	GREEN	LTR 24 S36 04 YG	254-162
2	GREEN RED	LTR 24 S38 04 YG LTR 74 S38 04 R	254-174 254-186
3	GREEN	LTR 24 S37 06 YG	254-198



A = 7.62mm
B = 2.54mm
C = 4.7mm
D = 47.5mm
E = 17.0mm



A = 7.62mm
B = 2.54mm
C = 5.3mm
D = 48.7mm
E = 23.3mm



A = 7.62mm
B = 2.54mm
C = 4.29mm
D = 67.0mm
E = 28.5mm

NOTE :
DIMENSIONS "D & E "
TOLERANCES +/- 0.3mm
PANEL THICKNESS 3.0mm +/- 0.3mm

CIRCUIT DIAGRAMS

6 LED TYPE 4 LED TYPE

