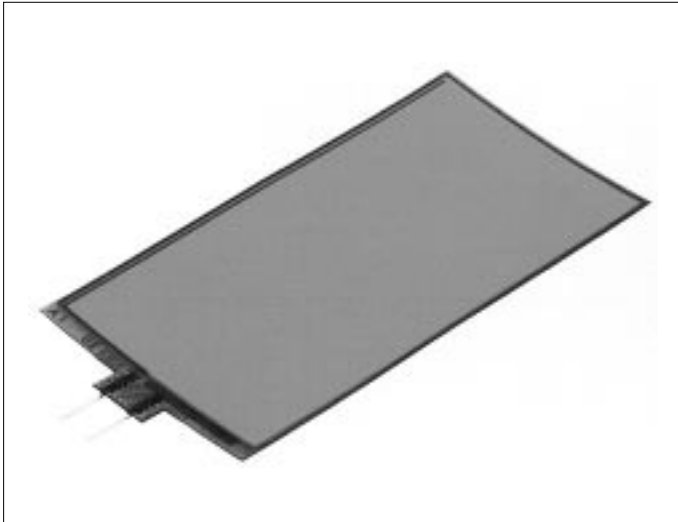


*Using breakthrough technology,
we aim for products that will create new markets.*

New Product News

Brand-new printing technology of all layers

Achieved flexible bending and excellent environment through printing technology of all layers



EL

Electroluminescence Elements

Industry/Field: AV, Mobile Communications, Amusement, Others

• Development goals:

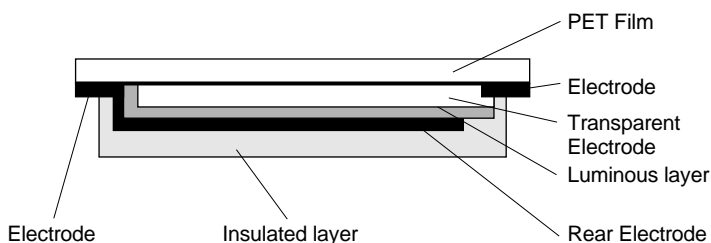
Achieved flexible bending through the light penetrate terminal composed by printing, and excellent environment without extending the terminals from the edge of layers. It's suitable for backlight of LCD

• Features:

- 1** Applicable for various connecting methods (Connector, Heat seal)
- 2** Achieved various functions (e.g. sealed layer) by printing technology
- 3** Applicable for various mounting methods and shapes with customer needs

• Number of industrial property rights: 29 (pending)

• Construction:



• Characteristics/specifications:

Major Specifications

Luminescence	
Luminescence Circuit	100VAC 400Hz sinewave (oscillator and amp)
Brightness	50cd/m ² min.
Power Consumption	0.35mA/cm ² max.
Brightness Life (Reduction by half)	Normal temperature: 1000h High temperature: 96h High humidity: 500h

• Applications/usage examples:

- Backlight for LCD

• Explanation of part numbers:

1	2	3	4	5	6	7	8	9
E	S	P	R					
Product Code				Type				