



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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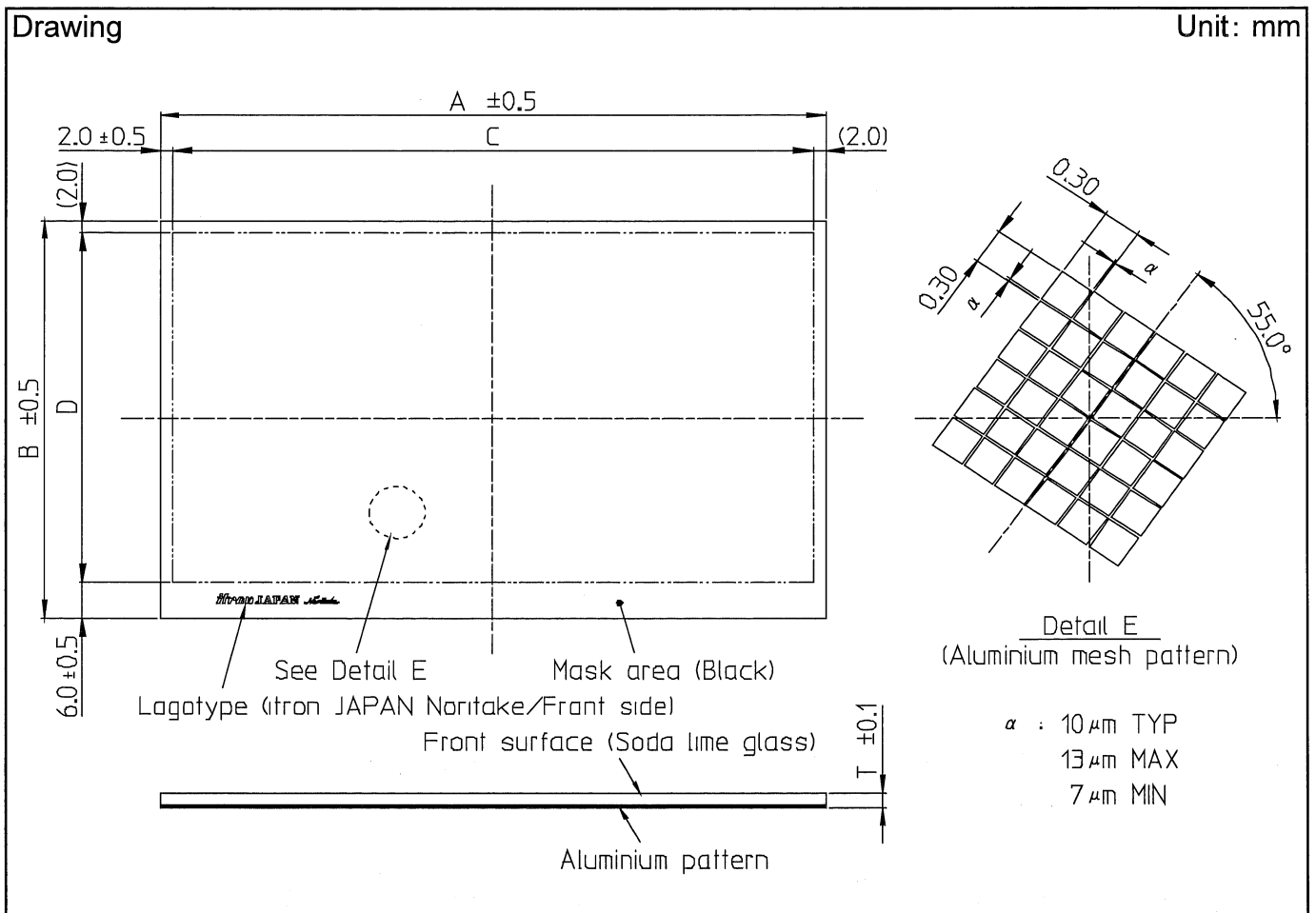
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



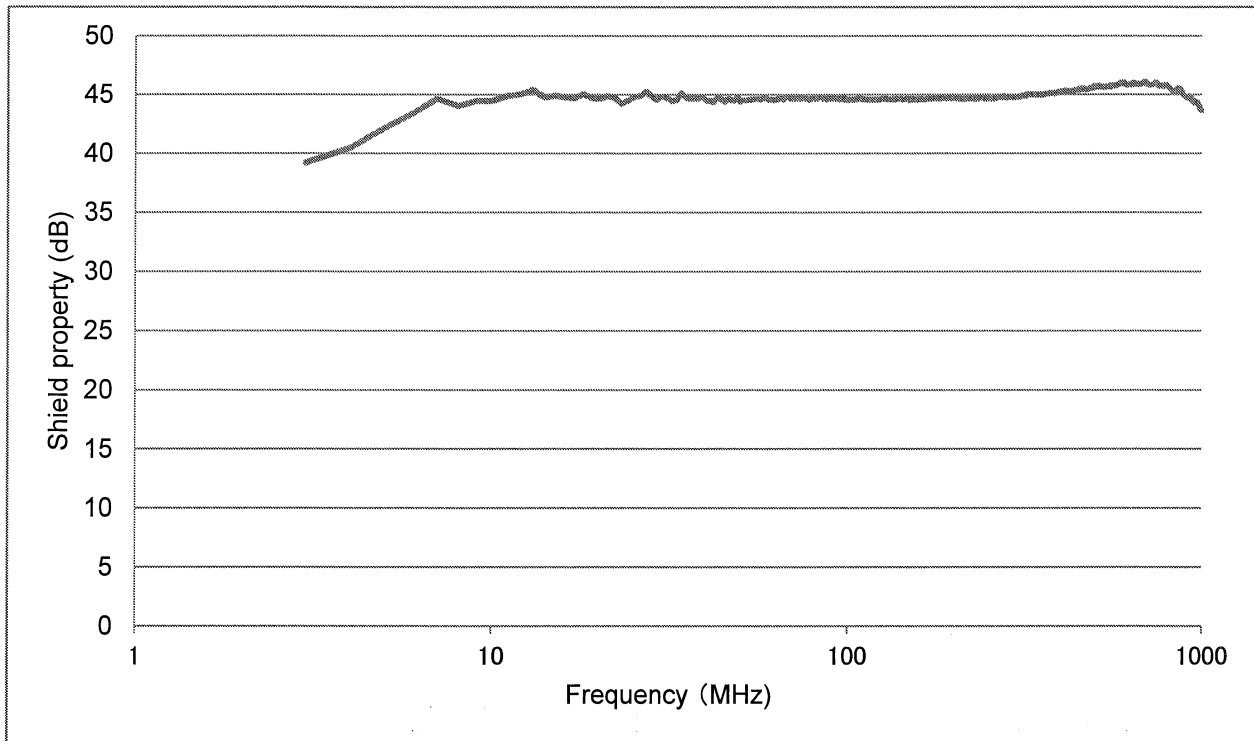
Part No.	Pattern Colour	Display Size (inch)	Glass Size (mm) A x B x T	Weight (g)	Filtering Area (mm) C x D	Maximum Line Width ( $\mu\text{m}$ )
EFP105X067B07A	Black	4.3	105 x 67 x 0.7	13	101 x 59	13
EFP127X098B07A	Black	5.7	127 x 98 x 0.7	22	123 x 90	13
EFP164X104B07A	Black	7	164 x 104 x 0.7	31	160 x 96	13

Typical Specifications

- Aluminium wired micro-mesh for EMI.
  - Mesh diameter Typ. 300 microns.
  - EMI filtering (KEC method):
    - >35dB (Electric field 1MHz to 100MHz)
    - >30dB (Electric field 100MHz to 1000MHz)
  - Material: Soda lime glass.
  - Low resistance maximum 2 $\Omega$  (Filter center to side frame).
- Vibration: 10-55-10Hz, all amplitude 1mm, 30minutes, X-Y-Z.
  - Optical: Transmittance >85%.
  - Operating temperature: -40 to +85°C
  - Storage temperature: -40 to +85°C
  - Operating humidity: 20 to 80% R.H
  - Storage humidity: 20 to 80% R.H



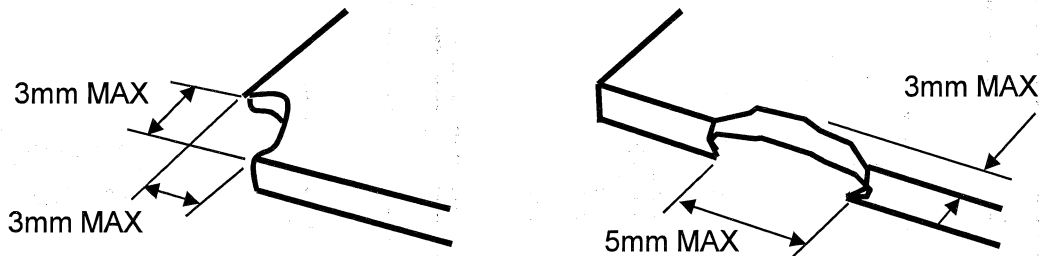
## EMI Performance Data (Electric Field 1MHz – 1000MHz)



## Defect Criteria

Cracks: No cracks.

Chips: No chips exceeding the following limits.



Scratches: No scratches which affect the display.

Foreign particle: Maximum of 3, diameter <0.3mm, and spaced at least 50mm apart.

Stains: No obvious stains.

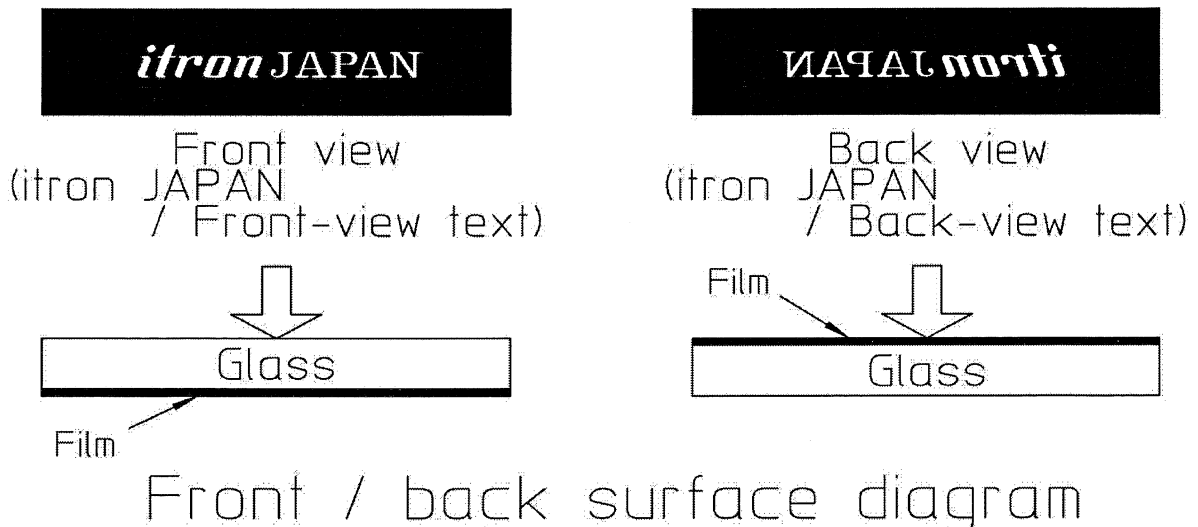
Defect Mesh Pattern: No multi defect mesh pattern.

Packing: Interleave paper with cast sleeve. (25pcs/sleeve)

Adhesive: Conductive adhesive not included (must be arranged separately by customer).

**Cautions:**

1. If EMI filter forms part of the exterior surface of the device, there is a risk of damage from external impact.
2. Handling precautions
  - The product is glass. The edges and corners are sharp, so handle with care, using gloves, etc.
  - Contact with sharp metal or other objects could cause scratch, chip, or crack damage. Excessive shock, such as from being dropped, may also cause damage. Handle with care to avoid such damage.
  - Do not touch the back surface (film side) of the glass.
  - To clean the front surface (glass side), use a dry, soft cloth, or a cloth dampened with neutral detergent or ethanol. Do not use organic solvents, acid, or alkalies.



**3. Storage**

- Store in accordance with the environmental conditions stated in the specification.
- Do not stack product when storing. Do not place anything heavy on top of product.