



2. Mechanical Description

PJ2808X01-25H40P500 is a colour active matrix LCD module incorporating amorphous silicon TFT (Thin Film Transistor). It is composed of a colour TFT-LCD panel, driver IC, FPC and a back light unit. The module display area contains 480 x 480 pixels. This product accords with RoHS environmental criterion.

ITEM		CONTENTS	UNIT
LCD Type		TFT / Transmissive / Normally Black	
Size		2.88	Inch
Viewing Direction		ALL	O'Clock
Display Mode		Normally Black	O'Clock
LCD (W × H)		58.00 × 60.00	mm ²
Active Area (W × H)		51.84 × 51.84	mm ²
Dot Pitch (W × H)		0.108 × 0.108	mm ²
Number of Dots (Pixels)		480 (RGB) × 480	
Driver IC		ST7701	
Backlight Type		8 LEDs	
Surface Luminance	PJ2808X01	500	cd/m ²
Interface Type		TTL	
Colour Depth		16.7M	
Pixel Arrangement		RGB Vertical Stripe	
Surface Treatment		AG	
Input Voltage		2.8(typical)	V
With/Without TP (Touch Panel)		Without Touch	
Weight			g

Note 1: RoHS compliant

Note 2: LCD weight tolerance: ± 5%.