

85%TRANSPARENCY Resistive Touch Panel FID-554 Series

■ OUTLINE

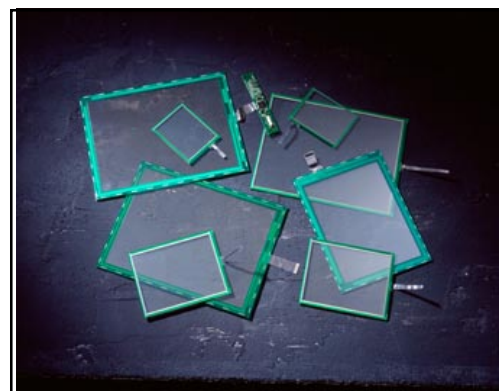
New higher transparency touch panels are possible though advanced coating technology that decreases surface reflections on both glass and film.

■ FEATURES

- Both color and character displays are vivid
- High contrast
- High reliability

■ APPLICATIONS

- Notebook PC
- Pen PC, Handheld PC, PDA, PDE
- Portable electronics



■ SPECIFICATIONS

Item			Specification			Remarks
Input method			Pen/Finger	Pen/Finger	Pen	
Mechanical	Input force (N)	Pen	0.05 to 1.96	0.05 to 0.5	0.05 to 0.98	Pen point 0.8 polyacetal
		Finger	0.05 to 1.96	0.05 to 0.5	-	Tip of rubber finger: R 0.8 silicone resin
	Hardness of surface		3H min.			JIS K-5400
Electrical	Linearity		±1.5% initial ±3.0% max. (after environmental durability and life test)			Rated Voltage
	ON/OFF chattering		20ms max.			
	Insulation resistance		10M min. (impressed 25VDC)			

continued

■ SPECIFICATIONS

Item		Specification		Remarks
		Nongrea	Clear	
Optical	Transparancy %	85% typ	85% typ	JIS K-7361
	Haze %	5% typ 3.5% typ	1% typ	JIS K-7361
Environmental	Operation temperature	-10 to 60° C		
	Operation humidity	10 to 90% wet bulb 38° C max.		non condensending
	Storage temperature	-30 to 70° C		
	Storage humidity	10 to 90% wet bulb 38 ° C max.		non condensending
Durability	Knocking	100,000 min.		Force: 2.45N: R0.8mm polysecal Write: 7.5x6.75mm size of characters in area of 10x9mm
	Writing	1 million min.		Force: 2.45N, tip of rubber finger: 0.8mm polyacetal hardness 60, silicon rubber

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