

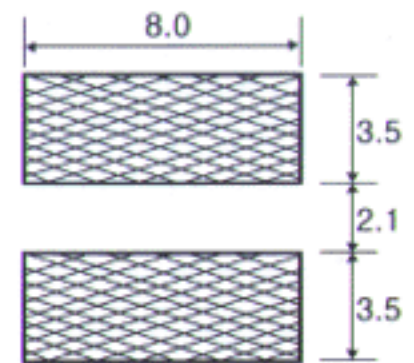
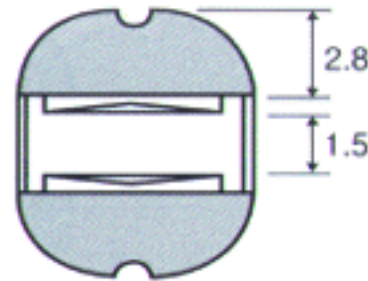
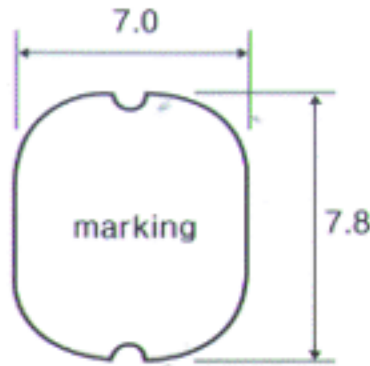
P7835 Series

Application

- ▶ Notebook Computer
- ▶ Battery charger
- ▶ DC/DC Converter
- ▶ Digital camera, Scanner
- ▶ CD-ROM & DVD



Shape & Dimensions (Unit:mm)



Tolerance : ± 0.2

(PCB Pattern)

Standard Specifications

Part No.	Inductance	D.C.Resistance	Rated Current
	($\mu\text{H} \pm 20\%$)	($\Omega \pm 20\%$)	(A max)
SFOP7835-1R4100	10	0.081	1.44
SFOP7835-1R2150	15	0.104	1.24
SFOP7835-1R1180	18	0.111	1.12
SFOP7835-1R0220	22	0.129	1.07
SFOP7835-1R9270	27	0.153	0.94
SFOP7835-R85330	33	0.170	0.85
SFOP7835-R74390	39	0.217	0.74
SFOP7835-R68470	47	0.252	0.68
SFOP7835-R64560	56	0.282	0.64
SFOP7835-R59680	68	0.332	0.59
SFOP7835-R54820	82	0.406	0.54
SFOP7835-R51101	100	0.481	0.51
SFOP7835-R49121	120	0.536	0.49
SFOP7835-R40151	150	0.755	0.40
SFOP7835-R36181	180	1.022	0.36
SFOP7835-R31221	220	1.200	0.31
SFOP7835-R28331	330	1.495	0.28

1. Inductance Tested at 1kHz, 1Vrms.
2. Inductance measured by HP 4284A, PRECISION LCR METER
3. Inductance drop 10% typ. at rated current
4. Operating temperature range -40°C to $+85^{\circ}\text{C}$
5. Electrical specifications at 25°C