

Dielectric Powders

Microwave Applications

Product Features

- Specific Tuning Capabilities for Ceramic Characteristics
- Wide Variety of K Values
- High Q Value!
- Stable Temperature Coefficient



Applications

- Dielectric Resonator / Filter
- Patch Antennas
- Substrate for MIC
- Single-Layer Capacitor for HF

Designation	ϵ_r^*	τ_f (ppm/°C)	Q x f (1GHz)	I.R. (Ω -cm)	ρ_s (g/c.c)	Reference Firing Temperature, °C
NPO-10M	~ 8	-15~+15	>12,000	>1x10 ¹³	3.2	1355°C
NPO-13M	~13	-15~+15	>40,000	>1x10 ¹³	3.4	1355°C
NPO-20MS	~20	-10~+10	>50,000	>1x10 ¹³	3.7	1365°C
NPO-37M	~36	-5~+5	>40,000	>1x10 ¹³	4.5	1180°C
NPO-40M	~38	-10~+10	>50,000	>1x10 ¹³	4.5	1375°C
NPO-45M	~45	-10~+10	>15,000	>1x10 ¹³	5.0	1335°C
NPO-45MF	~47	-10~+10	>15,000	>1x10 ¹³	4.7	1300°C
NPO-65M	~65	-10~+10	>10,000	>1x10 ¹³	5.2	1305°C
NPO-90M	~87	-10~+10	>5,500	>1x10 ¹³	5.5	1295°C
NPO-90ML	~95	-10~+10	>5,500	>1x10 ¹³	5.6	1290°C
NPO-100M	~100	-20~+20	>4,000	>1x10 ¹³	5.6	1325°C
NPO-130M	~130	-30~+30	>1,500	>1x10 ¹³	5.8	1255°C

Contact Us!

Toll Free: 800-929-9888

frontiersales@frontierusa.com

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www.frontierUSA.com

