



Pacific Ceramics, Inc.

## Garnets

Product	Saturation Magnetization $4\pi M_S$ (gauss)	Dielectric Constant $\epsilon'$	Loss Tangent $\tan\delta_\epsilon$ ( $\times 10^{-4}$ )	Resonance Linewidth $\Delta H$ @3dB (oe)	Curie Temperature $T_C$ ( $^\circ\text{C}$ )
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### Holmium Doped for High RF Power Applications Gadolinium and Aluminum Substituted Yttrium Iron Garnet

39-1400H	1400	14.2	$\leq 1$	150	260
39-1201H	1100	14.5	$\leq 1$	45	240
39-1202H	1100	14.5	$\leq 1$	60	240
39-1000H	1000	14.5	$\leq 1$	50	240
39-800H	800	14.2	$\leq 1$	80	225
39-580H	580	14.8	$\leq 1$	140	190
39-540H	540	14.2	$\leq 1$	85	180
39-430H	430	13.8	$\leq 2.5$	55	160