

## DESCRIPTION

The **PPD1200** is designed for blocking coil and receiver switching applications in high power pulsed MRI equipment.

## FEATURES

- Non-magnetic design
- Low  $R_s$  maintains circuit Q
- Lead free and RoHS compliant

## MAXIMUM RATINGS

RATING	LIMITS	UNITS
$V_R$	1200	V
$P_D$	12.0 Watts at $T_C = +25\text{ }^\circ\text{C}$	
$\theta_{JC}$	15	$^\circ\text{C/W}$
$T_{STG}$	-54 to +125	$^\circ\text{C}$
$T_J$	+200	$^\circ\text{C}$

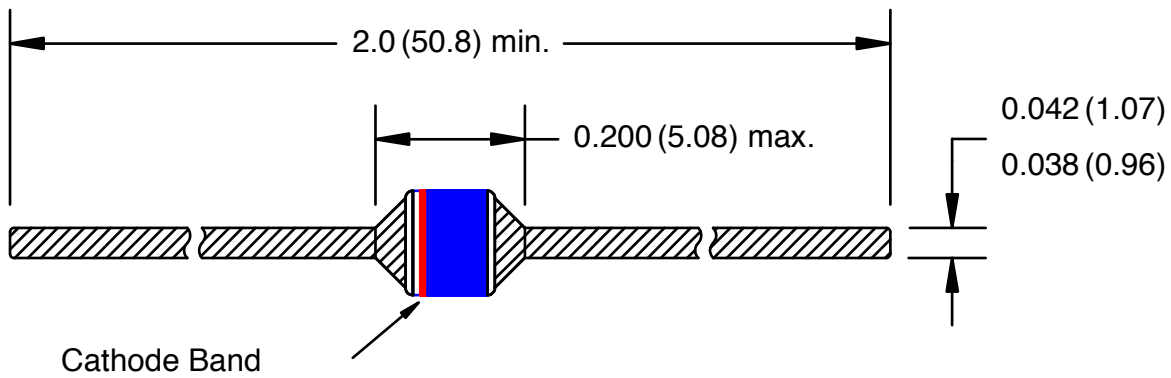
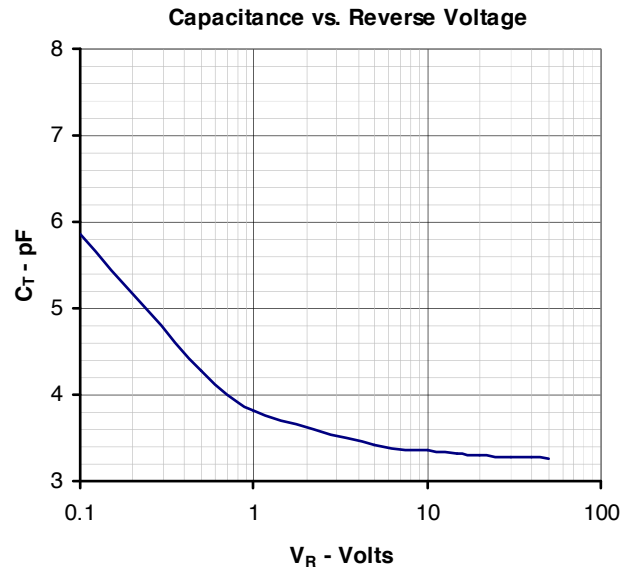
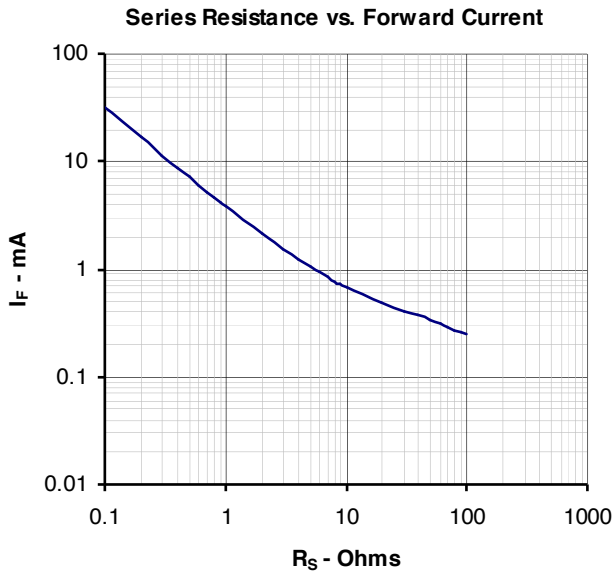


## ELECTRICAL CHARACTERISTICS $T_C = +25^\circ\text{C}$

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
$V_{BR}$	$I_R = 10\ \mu\text{A}$	1200	---	---	V
$I_R$	$V_R = 50\ \text{V}$	---	---	25	nA
$V_F$	$I_F = 100\ \text{mA}$	---	750	850	mV
$C_T$	$V_R = 50\ \text{V}$ $f = 1\ \text{MHz}$	---	3.2	4.0	pF
$R_S$	$I_F = 10\ \text{mA}$ $f = 100\ \text{MHz}$	---	---	0.3	$\Omega$
$\tau$	$I_F = 10\ \text{mA}$ $I_R = 6\ \text{mA}$ measured at 50%	---	8.5	---	$\mu\text{s}$

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ALL DIMENSIONS IN INCHES (mm)

Item	Material	Finish
Body	Glass	NA
Leads	Copper	Tin

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