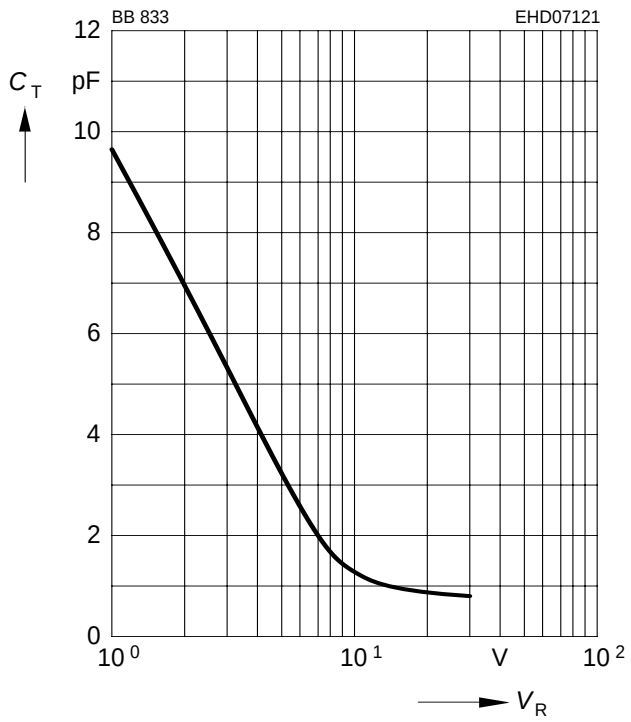
Electrical Characteristics at T_A = 25°C, unless otherwise specified

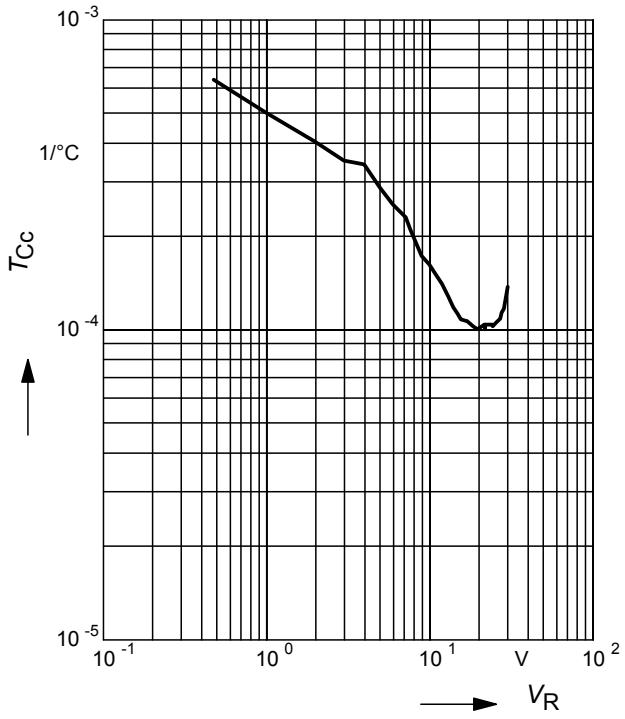
Parameter	Symbol	Values			Unit
		min.	typ.	max.	
DC Characteristics					
Reverse current	I_R				nA
V_R = 30 V		-	-	20	
V_R = 30 V, T_A = 85 °C		-	-	500	
AC Characteristics					
Diode capacitance	C_T				pF
V_R = 1 V, f = 1 MHz		8.5	9.3	10	
V_R = 28 V, f = 1 MHz		0.6	0.75	0.9	
Capacitance ratio	C_{T1}/C_{T28}	11	12.4	-	
V_R = 1 V, V_R = 28 V, f = 1 MHz					
Capacitance matching[1)]	$\Delta C_T/C_T$	-	-	3	%
V_R = 1 V, V_R = 28 V, f = 1 MHz					
Series resistance	r_S	-	1.8	-	Ω
V_R = 1 V, f = 470 MHz					

[1]For details please refer to Application Note 047.

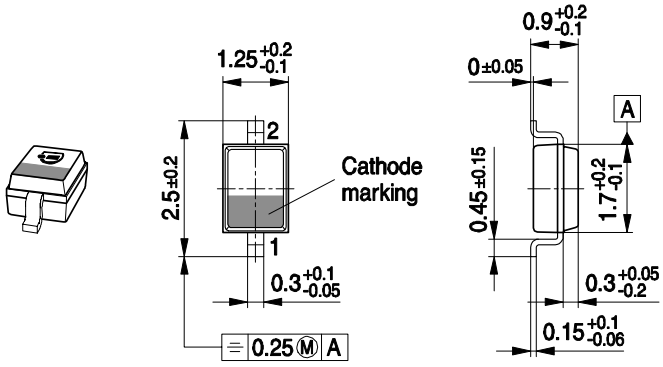
Diode capacitance $C_T = f(V_R)$
f = 1MHz



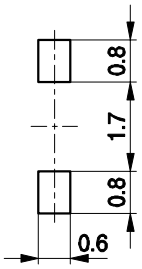
Temperature coefficient of the diode capacitance $T_{Cc} = f(V_R)$



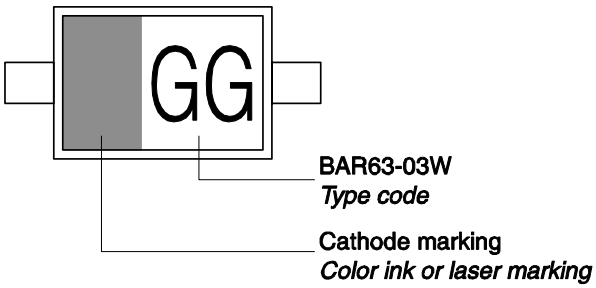
Package Outline



Foot Print

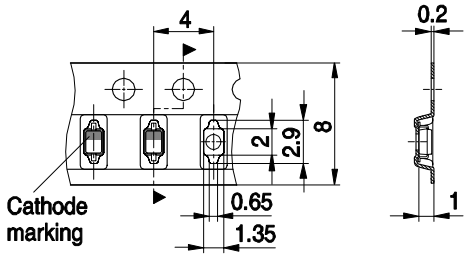


Marking Layout (Example)



Standard Packing

Reel ø180 mm = 3.000 Pieces/Reel
Reel ø330 mm = 10.000 Pieces/Reel



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