



## Disc 22 mm Mifare 1K

<b>Chip type:</b>	Mifare Standard 1Kbyte ISO/IEC 14443A	* Test conditions and remarks	
<b>Physical:</b>	Diameter:	$\varnothing 22 \pm 0.2$ mm	
	Thickness:	$0.950 \text{ mm} \pm 0.3$ mm	
	Weight:	$\leq 0.300$ g	
	Material:	FR4 + epoxy globtop	
	Color:	Yellow	
<b>Electrical:</b>	Operating frequency:	$14.50 \pm 0.75$ MHz	*RT, HP 4194A & Antenna MA8210 @ 0.2 V
	Q factor:	$\geq 16$	*RT, HP 4194A & Antenna MA8210 @ 0.2 V
	Reading distance	MIN 5 cm	*RT, MF RD700 (Philips)
<b>Mechanical:</b>	Vibration	IEC 68-2-6	* 6g, 10...200Hz, 3 axis, 8h/axis
	Schock	IEC 68-2-29	* 30g, 18ms, 3 axis, 1084 times/axis
<b>Thermal:</b>	Storage temperature:	$-25^{\circ}\text{C}$ to $+120^{\circ}\text{C}$	* 1x 1000h
	Peak temperature	$+130^{\circ}\text{C}$	* 1x 100h
	Shock/fatigue:	$+20^{\circ}\text{C}$ to $+120^{\circ}\text{C}$	* 100 x 5min with transition in 30s
	Operating temperature:	$-40^{\circ}\text{C}$ to $+85^{\circ}\text{C}$	
<b>Part number:</b>	607150		

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