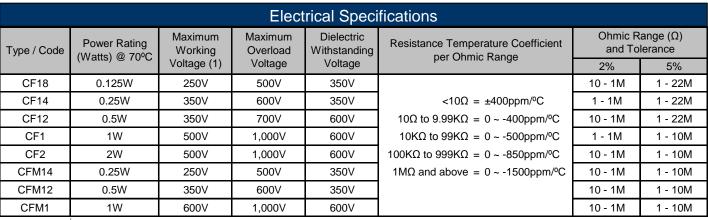
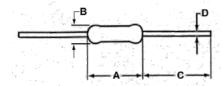
Resistive Product Solutions

## Features:

- General purpose resistor ideal for commercial/industrial applications
- Flame retardant coatings standard
- Flameproof version available as CFF
- Panasert available on selected sizes; contact factory
- Auto sequencing/insertion compatible
- CFM (mini) ideal choice when size constraints apply
- Cut and formed product is available on select sizes; contact factory
- Standard lead wire for CF/CFM is copper plated steel, with 100% tin over plate
- 100% tin plate on copper wire is available as type CFQ/CFQM
- RoHS compliant / lead-free



(1) Lesser of √PR or maximum working voltage.



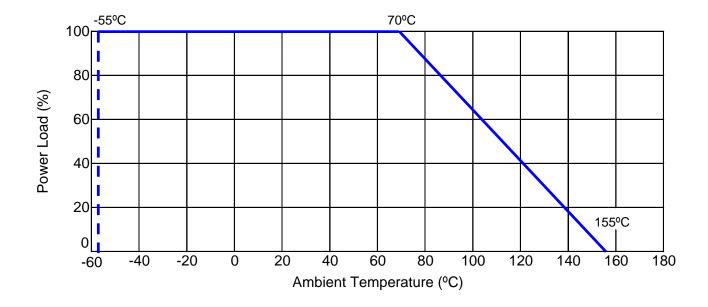
Mechanical Specifications									
Type / Code	A Body Length	B Body Diameter	C Lead Length(Bulk)	D Lead Diameter	Unit				
CF18	0.130 ± 0.012	0.067 ± 0.012	1.102 ± 0.118	0.018 ± 0.003	inches				
	3.30 ± 0.30	1.70 ± 0.30	28.00 ± 3.00	0.45 ± 0.08	mm				
CF14	0.236 ± 0.012	0.091 ± 0.012	1.102 ± 0.118	0.022 ± 0.003	inches				
	6.00 ± 0.30	2.30 ± 0.30	28.00 ± 3.00	0.55 ± 0.08	mm				
CF12	0.335 ± 0.039	0.106 ± 0.020	1.102 ± 0.118	0.028 ± 0.002	inches				
	8.50 ± 1.00	2.70 ± 0.50	28.00 ± 3.00	0.70 ± 0.05	mm				
CF1	0.433 ± 0.039	0.177 ± 0.020	1.181 ± 0.118	0.028 ± 0.002	inches				
	11.00 ± 1.00	4.50 ± 0.50	30.00 ± 3.00	0.70 ± 0.05	mm				
CF2	0.591 ± 0.039	0.197 ± 0.020	1.339 ± 0.157	0.028 ± 0.002	inches				
	15.00 ± 1.00	5.00 ± 0.50	34.00 ± 4.00	0.70 ± 0.05	mm				
CFM14	0.130 ± 0.012	0.067 ± 0.012	1.102 ± 0.118	0.018 ± 0.003	inches				
	3.30 ± 0.30	1.70 ± 0.30	28.00 ± 3.00	0.45 ± 0.08	mm				
CFM12	0.236 ± 0.012	0.091 ± 0.012	1.102 ± 0.118	0.022 ± 0.003	inches				
	6.00 ± 0.30	2.30 ± 0.30	28.00 ± 3.00	0.55 ± 0.08	mm				
CFM1	0.354 ± 0.020	0.138 ± 0.020	1.102 ± 0.118	0.028 ± 0.002	inches				
	9.00 ± 0.50	3.50 ± 0.50	28.00 ± 3.00	0.70 ± 0.05	mm				

Rev Date: 12/26/2013

Performance Characteristics							
Test	Standard / Method	Test Results					
Short Time Overload	EIA-RS-172-B 3.2.6	± 0.5%					
Resistance to Solder Heat	MIL-STD 202 Method 210	± 0.5%					
Dielectric Withstanding Voltage	JIS C 5202 5.6	± 0.5%					
Load Life	MIL-STD 202 Method 108	± 1%					
Terminal Strength	MIL-STD 202 Method 211	± 0.2%					
Moisture Resistance	MIL-STD 202 Method 106	± 0.5%					

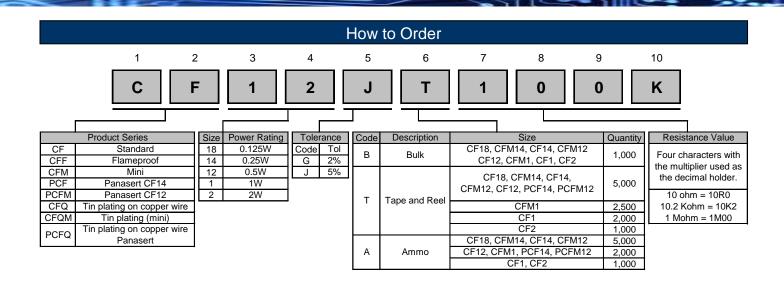
Operating Temperature Range: -55°C to +155°C

## **Power Derating Curve:**



## Stackpole Electronics, Inc.

Resistive Product Solutions



## Legacy Part Number (before January 3, 2011):

SEI Type		Code	Nominal Resistance Tolerance Packaging					
CF		1/2 100K 5%		5%	R			
Code	Description	Code Wattage		Tolerance	Code →	А	R	T
CF CFF CFM	Standard Flameproof Mini	1/8 0.125W 1/4 0.25W 1/2 0.5W		2% 5%	SEI Types	Bulk	Tape & Reel	Tape & Box (Ammo Box)
PCF	Panasert CF 1/4	1 1W	1		CF 1/8			
PCFM	Panasert CF 1/2	2 2W			CFM 1/4	4.000		<b>5</b> 000
CFQ	Tin plating on copper wire	<u> </u>	4		CF 1/4	1,000	5,000	5,000
CFQM	Tin plating (mini)				CFM 1/2			
PCFQ	Tin plating on copper wire				CF 1/2	1,000	5,000	2,000
	Panasert				CFM 1	1,000	2,500	2,000
					CF 1	1,000	2,000	1,000
					CF 2	1,000	1,000	1,000
					PCF 1/4 PCFM 1/2	N/A	5,000	2,000