

Features

- Lead free
- RoHS compliant*
- 8 RC filters with common ground
- Stable thin-film-on-silicon technology
 Ultra-miniature packages to JEDEC
- standards

Applications

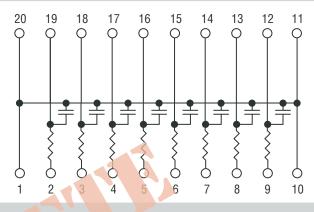
- EMI/RFI filtering on bus lines
- High frequency applications
- Ideal for space-constrained applications

General Information

Tapped Filters are typically used for filtering EMI and RFI on high-speed data lines connecting computer with peripheral. These Silicon-based, Tantalum Nitride resistors and capacitors feature excellent stability, temperature coefficients and tracking performance. This product series conforms to JEDEC standards.

Package Schematic

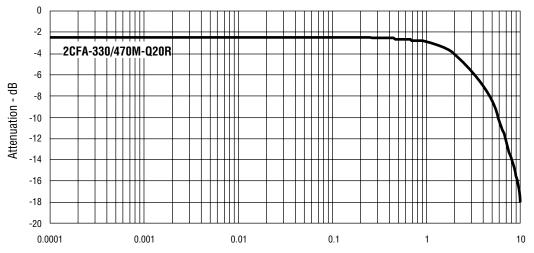
Thin Film on Silicon 2CFA Tapped RC Filter



Electrical & Environmental Characteristics

Electrical Characteristics	Symbol	Minimum	Nominal	Maximum	Unit
Resistance Range	R	10		470	Ω
Resistor Tolerance			±10 %		Ω
Power Rating per Resistor @ 70 °C				0.1	Watt
Capacitor Range	C	15		220	pF
Capacitor Tolerance			±20 %		pF
Capacitor Breakdown Voltage		25	35		V
Operating Voltage				50	V
Environmental Characteristics ESD		2 K			v
Operating Temperature	Тј	-55		+125	°C
Storage Temperature	T _{stg}	-65		+150	°C
Power Rating per Package @ 70 °C				1.0	Watt

Frequency Response



Frequency - MHz

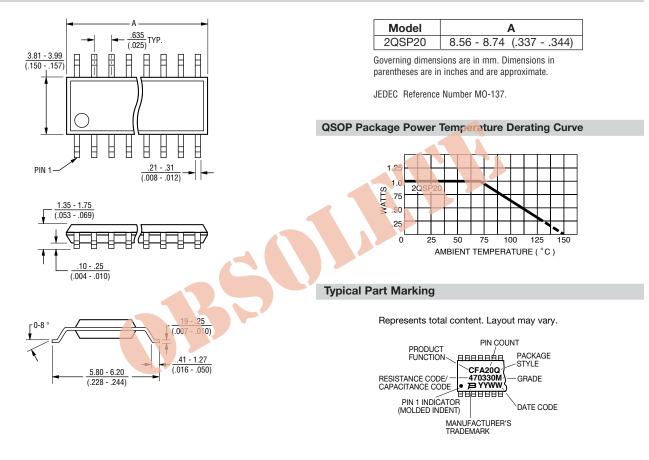
*RoHS Directive 2002/95/EC Jan 27 2003 including Annex Specifications are subject to change without notice. Customers should verify actual device performance in their specific applications.

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Mechanical Characteristics

QSOP Package Dimensions



Standard RC Values

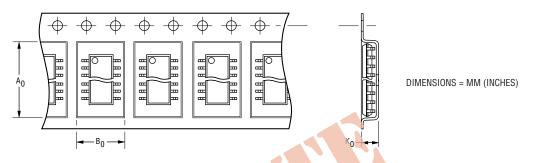
R1 Value (ohms)	C1 Value (pF)	Cap. BV (typ.)	Part Number (Tape & Reel)	Part Number (Tubes)		
33	47	75	2CFA-330/470M-Q20R	2CFA-330/470M-Q20T		

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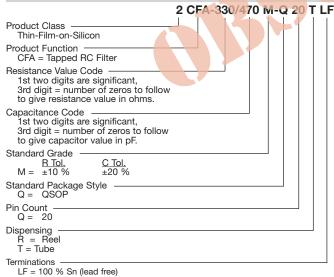
Dispensing

For large quantities, the product will be dispensed in Tape and Reel (see diagram below).



Package	A ₀	B ₀	к _о	Width	Pitch	No. of Pieces per 13 reel	No. of Pieces per tube
QSOP 20 Pin	6.5 (0.256)	9.0 (0.354)	2.1 (0.083)	16 (0.630)	8 (0.315)	3,500	56

How To Order





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