Industrial Test Comm Broadcast

10A 75VDC EMI Filters

Features	Benefits
• Exceptional Differential Mode Performance	• Alternative Solution to Discrete Design
• Surface or Through Hole Mount Versions	• Offers Flexibility of use
• Very Compact Size	• Saves Space on the pcb

Specification

Model		iDQ
Rated Voltage	VDC	75VDC (100VDC for 100ms)
Rated Current	A	10A
Withstand Voltage	VDC	Terminals to Ground: 1500VDC
Leakage Current	mA	Not Applicable
DC Resistance	mΩ	Positive leg: 11.5, Negative leg: 6.5
Operating Temperature (1)	°C	-40°C to 120°C (see derating curve and measurement point)
Storage Temperature	°C	-55°C to 125°C
Safety Agency Certification	-	CE Mark
Size (LxWxH)	mm	50 x 15 x 10.8
Weight (Typ)	g	11.3
Warranty	yrs	3

Notes: 1) See full specification on website

Model Selector

Model	Surface Mount	Through Hole Mount Pins	Pin 6 Populated*
iDQ48010A480V-001-R(2)	X		X
iDQ48010A480V-002-R		0.145”	
iDQ48010A480V-003-R(2)		0.145”	X

(2) Contact factory for status

Preferred

* Additional capacitance can be placed between pin 3 and pin 6, and also between pin 4 and pin 3 to increase the common mode noise attenuation.

Outline Drawing iDQ Series

Output Derating Curve iDQ Series

Attenuation Characteristics iDQ Series

Typical Differential Mode Attenuation

Typical Common Mode Attenuation

iDQ Series Circuit

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