

Data Line EMI Filters - DLEF 42 Series



These filters virtually eliminate conducted EMI in data lines. They provide excellent common-mode noise attenuation from 15 MHz to 300 MHz whilst passing data signals below 300 MHz without attenuation.

- Applied standards: ECSS-Q-ST-70-02C, MIL-STD-202, DO-160 and ESCC 3201 generic specification for space products
- Suited for IR and vapor reflow soldering
- Materials meet UL94-V0 rating
- Operation temperature range: -55°C to +110°C
- Weight: 1.5gram

Electrical Data

ID Code	Number of lines	Max. Current mA	L/winding μ H	RDC max m Ω	Isolation Vrms
DLEF42 020 1S	2	100	5	250	250

Application

Digital video signal filtering for CCD acquisition

To Order

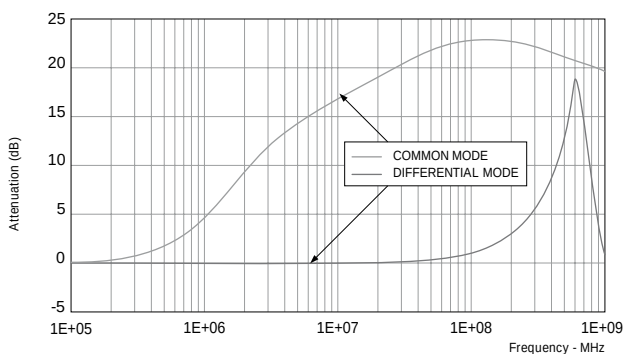
DLEF42 020 1S

DLEF42	020	1	S
Range	Number of windings	Version	S = for surface mount

Packaging

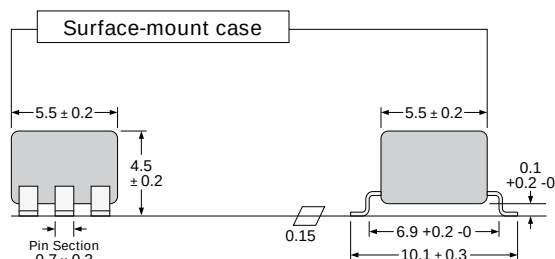
Individually packed in a 160x137x55mm cardboard box. 40 parts on 2 layers

Response Curves



Typical Attenuation versus Frequency on 50hms (@100mV)

Typical Dimensions (mm)

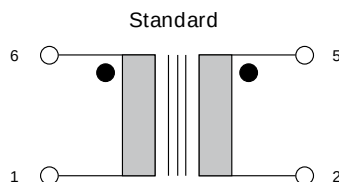


Marking



DL42 02 01 :
Microspire part number
yyww : Date code

Connections



PCB Layout (suggested)

