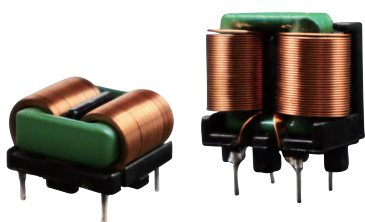


High inductance and high current gallium nitride common mode inductor

FACCF0808 SERIES

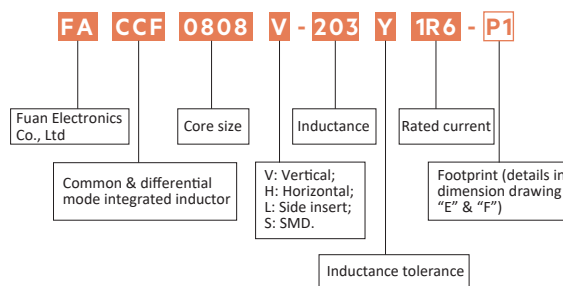


ELECTRICAL SPECIFICATION

- Rated voltage: 85~264 VAC
- Turns ratio: N1:N2=1:1±2%
- Hi-pot: 1500VAC/1mA/2second
- Operating temperature range: -40°C to+120°C
- Temperature Rise: 40°C Ref. at rated current
- All parts meet RoHS compliant
- Insulation grade: Class F
- Weight: 2.6g (reference)

FEATURES

- Small size, low leakage flux due to SQ core
- Low stray capacitance, high attenuation of a wide frequency band
- There is no danger of the layer short for the single-layer rolling
- High attenuation to the normal mode noise
- Winding time 90% down
- High inductance was achieved by the ferrite mixing and the baking technology that developed originally



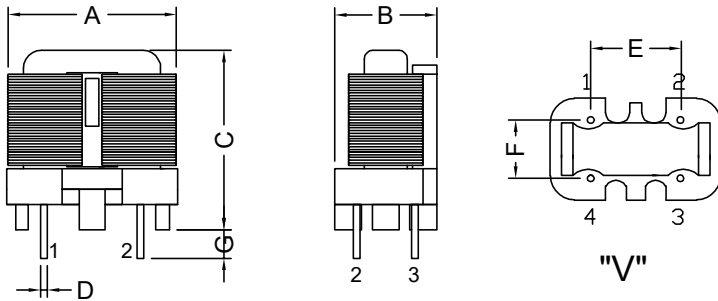
ELECTRICAL CHARACTERISTICS AT 25°C (V & H Series)

Part Number	Part Number	Ind.(mH) 1KHz 0.25V Min	Lstray (uH) Typ	D.C.Resistance (mohms) Max	Rated Current (A)Typ	Wire (mm)
FACCF0808V-203Y1R6-□	FACCF0808H-203Y1R6-□	20.0	30	130	1.60	0.10*1.0
FACCF0808V-153Y1R9-□	FACCF0808H-153Y1R9-□	15.0	23	85	1.90	0.13*1.0
FACCF0808V-123Y2R2-□	FACCF0808H-123Y2R2-□	12.0	17	65	2.20	0.15*1.0
FACCF0808V-902Y2R8-□	FACCF0808H-902Y2R8-□	9.0	12	45	2.80	0.20*1.0

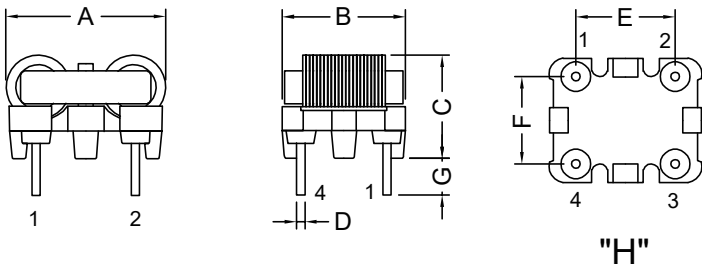
Product datasheet

ELECTRICAL INFORMATION

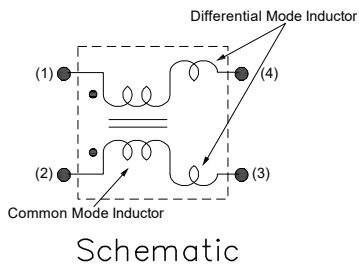
Dimension in mm



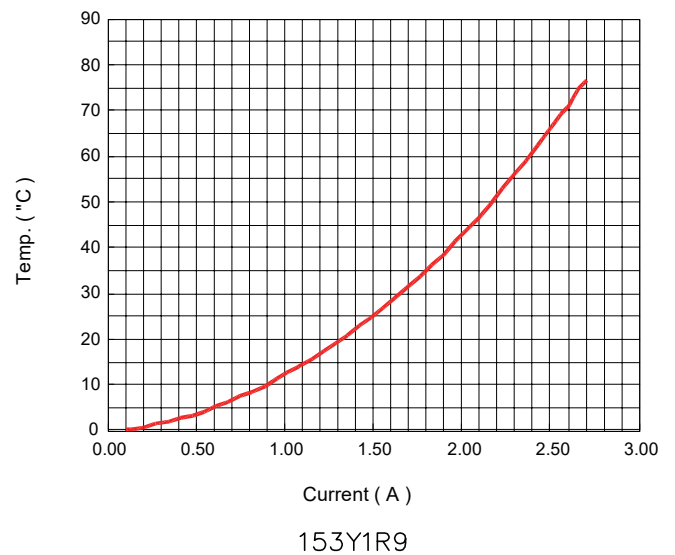
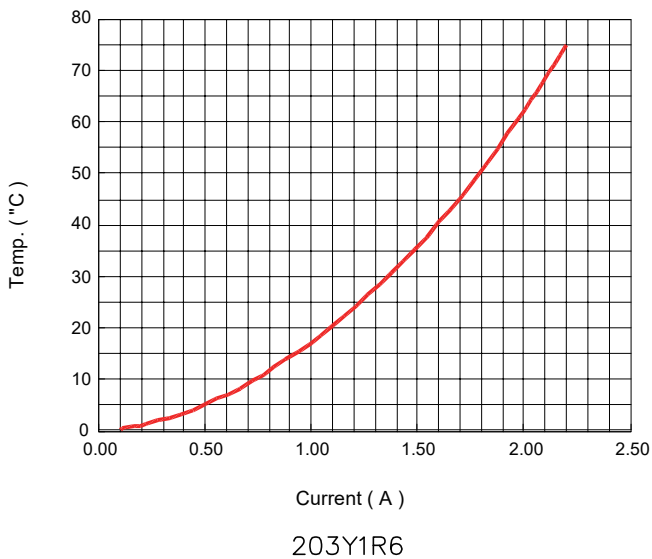
	A Max	B Max	C Max	D !0.1	E !0.5	F !0.5	G !0.5
-P1	14.5	8.50	13.5	0.70	7.00	5.80	3.50



	A Max	B Max	C Max	D !0.1	E !0.5	F !0.5	G !0.5
-P1	14.5	11.0	9.50	0.70	8.00	7.00	3.50



CURRENT VS TEMPERATURE RISE



Product datasheet

CURRENT VS TEMPERATURE RISE

