

DESIGN SPECIFICATION FORM

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INDUCTOR / CHOKE

Company name : Project :

Product reference : Yearly Quantities :

INDUCTOR TYPE : ☐ Common Mode Choke (CMC) ☐ Differential Choke (DMC)

Phase number :

INDUCTANCE : (μH) Min. Value (with rated current) (μH) Min. Value (no load)

OPERATING FREQUENCY OR FREQUENCY RANGE (CMC) :

CURRENT DATA : I_{DC} : (A) I_{AC} : (A)

Current Waveform Description :

Irms : (A) I_{peak} : (Ap)

Harmonic Amplitudes : H_1 (A) H_2 (A) H_3 (A)

If Rf choke, confirm min. Q factor and frequency :

DIELECTRIC WITHSTANDING VOLTAGE : W_1 / W_2 : W_2 / W_3 :

Insulation resistance : W_1 / W_2 : W_2 / W_3 :

MAXIMUM DIMENSION : Length : (mm) Width : (mm) Height : (mm)

Finishing : ☐ Case ☐ Molding
☐ None ☐ Impregnation

MARKING : WEIGHT : (g)

MECHANICAL DRAWING

LAYOUT



GENERAL INPUTS REQUIRED FOR A CUSTOM REQUEST

Company : Project :

Address :

Sales Contact :

Ms/Mr. **Tel. :** **Email :**

Technical Contact :

Ms/Mr. **Tel. :** **Email :**

MARKET : ☐ SPACE ☐ COMMERCIAL AVIONICS ☐ MILITARY AVIONICS ☐ DEFENSE
☐ DOWNHOLE ☐ RAILWAYS ☐ INDUSTRY ☐ MEDICAL

Applied Standards {ESA, Mil, ...} :

RoHS Statues : ☐ Non RoHS ☐ RoHS

Outgassing Satus :

Environmental Constraints :

Ambient Temperature Range (°C) : Min. : Max. :

Storage Temperature (°C) : Min. : Max. :

VRT-Thermal shocks :

Moisture :

Salt Spray Resistance :

Fungi Resistance :

Other {specify} :

MECHANICAL CONSTRAINTS : ☐ Shocks ☐ Vibration ☐ Robustness of connections

Partial Discharge : [pC]

MOUNTING : ☐ SMD ☐ TH ☐ Wire
☐ Other {specify} :

PACKING : ☐ Individual package ESD : ☐ Yes ☐ No

☐ Tray

☐ Reel

☐ Other {specify} :