EXXELIA MICROSPIRE	**DESIGN SPECIFICATION FORM**	Date : ..... / ..... / ..... Page N° : ..... / .....

GENERAL INPUTS REQUIRED FOR A CUSTOM REQUEST

Company : **Project :** .....

Adress : .....

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)* : .....

EXXELIA MICROSPIRE

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) **Ipeak :** ..... (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**