

6.1.2 Custom magnetics

Custom Magnetics (Inductors, Chokes and Transformers)				364A
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3201	Flux A/S Asnaes Denmark	Qualification	ESA/ESTEC	March 2020
Detail ESCC 3201/013		Remarks		
Technology Flow qualified as defined into the current QML published document REP006 (ESCC/RP/QML006).				
The range of components applicable are described into the ESCC 3201/013 as follows:				
Physical, Electrical and Thermal Configuration		Available Options		
Magnetic Type		Single element assemblies only: Inductor(s); Transformer		
Package Type		Open Construction; Housed; Potted		
Termination Type		Through-hole; SMD; Flying Leads		
Winding Wire		Ø0.1mm to 2mm wires per IEC 60317-0-1; Custom Foils		
Maximum Power		2.5kW Maximum Operating Temperature +130°C		
Maximum Operating Temperature		+130°C		
Physical, electrical and thermal configuration for a particular component will be specified in the applicable Magnetic Sheet.				
The requirements which shall be specified in the Magnetic Sheet for a particular component are described into the ESCC 3201/013.				