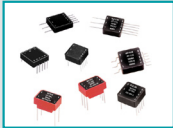

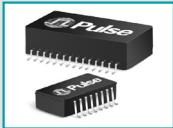

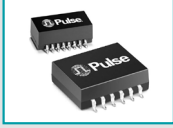
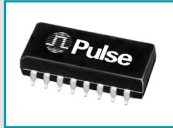











# Military/Aerospace Division

Keep your hand on the Pulse...  
 Choose Pulse Electronics for World Class Design, Test and Manufacturing of High Reliability Magnetics and Assemblies. Excellent Customer Service from start to finish.

	Military	Aerospace
Signal Products	<p>MIL-STD-1553 QPL and non-QPL Interface transformers and transceivers</p> 	<p>High Speed Baluns                      In-Line, Connectorized, ruggedized, 1.485 GB/s</p> 
	<p>Copperhead Transceivers and Transformers                      Fibre Channel, FireWire IEEE-1394, SMPTE -292M HDTV, up to 3.2Gb/s</p> 	<p>Delay Lines                      QPL per MIL-PRF-83531 and -83532 active and passive</p> 
	<p>Ethernet interface transformers                      10/100, Gig-Ethernet, Single, Dual and Quad Channel                      AFDX Interface transformers</p> 	<p>Signal Transformers</p> 
Power Products	<p>Current Transformers                      Up to xx amps, single phase, 3 phase - 400Hz</p> 	<p>Shielded Drum Core Inductors</p> 
	<p>Gate Drive Transformers                      Up to 2KV isolation</p> 	<p>SMT Power Inductors</p> 
	<p>Common mode choke</p> 	<p>Custom Build to Print or SCD power magnetics</p> 
	<p>Planar transformers and inductors</p> 	

All Catalog Products are ITAR Free

## Space Development/Testing/Validation Capabilities

- MIL-STD-981
- NASA EEE-INST-002
- NASA-STD 8739.3
- IPC-STD-001DS
- MIL-PRF-21038
- MIL-PRF-27
- MIL-STD-202
- ECSS-Q-ST-70-38C
- AEC-Q200
- MIL-STD-883
- Custom Magnetic Power
- Signal Design/Build

## Program Participation

ISS      Orion      World View III      MagICE      HPCA      James Webb Telescope

## Manufacturing Capabilities

Bobbin Winding      Toroid Winding      AS9100C Certified      ITAR Free Products

## Testing Services

Testing capabilities for product qualification and design validation

### ELECTRICAL

- Inductance with or without DC
- Turns Ratio
- HI-POT - Vac up to 5kv, Vdc up to 6kV
- Insulation Resistance
- Distortion
- Pulse Testing
- Thermal Rise
- Impedance
- Q (up to 1 Mhz)
- DCR
- SRF (up to 3Ghz)
- Leakage Inductance
- Voltage Ratio
- Insertion Loss

### ENVIRONMENTAL

- Mechanical Shock
- Mechanical Vibration
- Solderability
- Resistance to Soldering
- Tin whisker analysis

### MECHANICAL

- Humidity (to 90% RH)
- Moisture Resistance
- Thermal Shock
- Thermal Cycling
- High/Low Temperature Storage
- Steam Aging

### ANALYTICAL

- X-Ray Imaging
- Real Time X-ray
- Plating composition analysis
- Detailed Inspection Plans
- First Article Inspection to AS9102

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