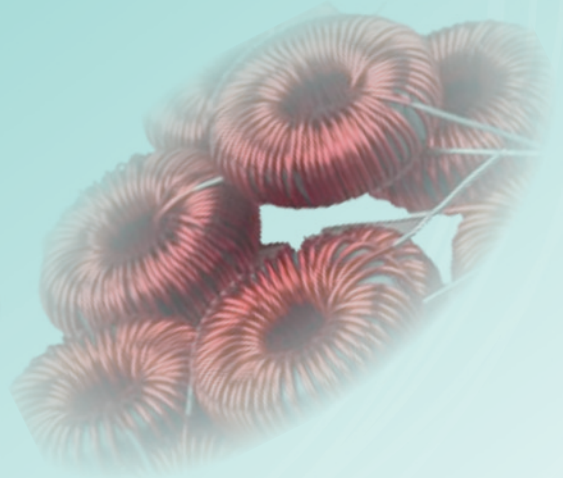
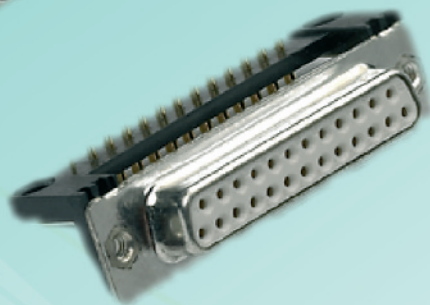
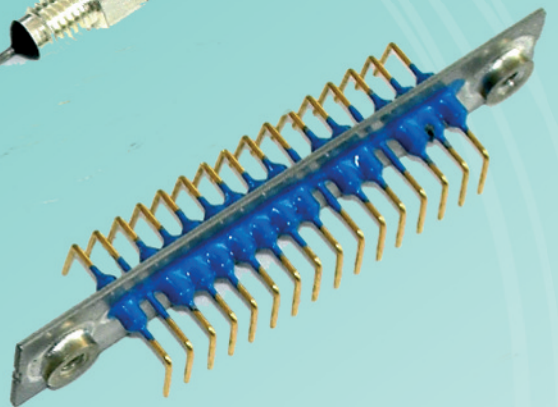
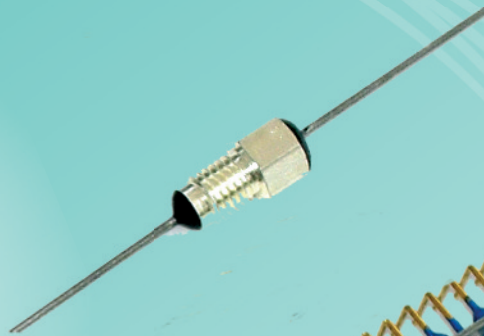
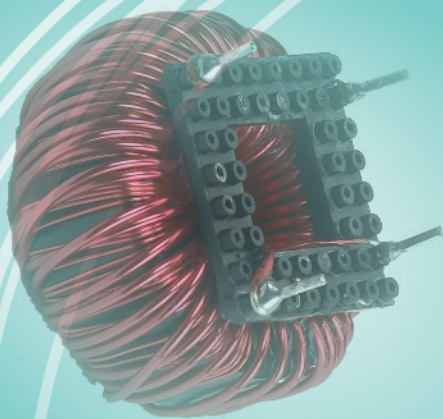




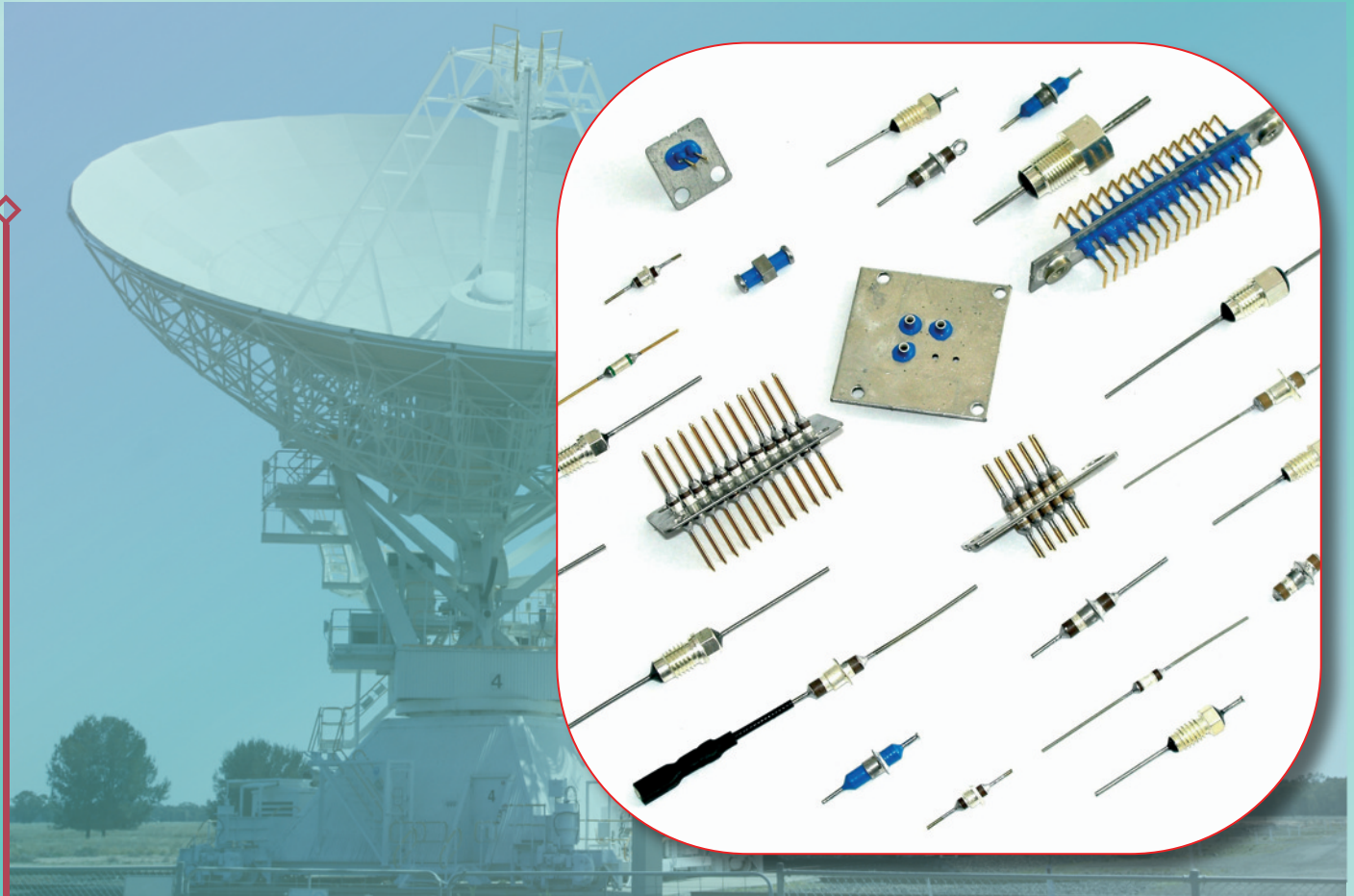
# FERROPERM



Inductors & Coils

Filtered D Sub Connectors

Feed through Capacitors & Pi Filters



## Feed through Capacitors & Pi Filters

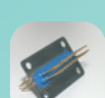
- Solder mount styles
- Screw-in resin sealed constructions
- Press fit versions
- SMD pi filters including high current versions
- Filter arrays
- 3pF to 1 uF filters in C, LC & Pi circuit
- Current ratings from 5A to 30A



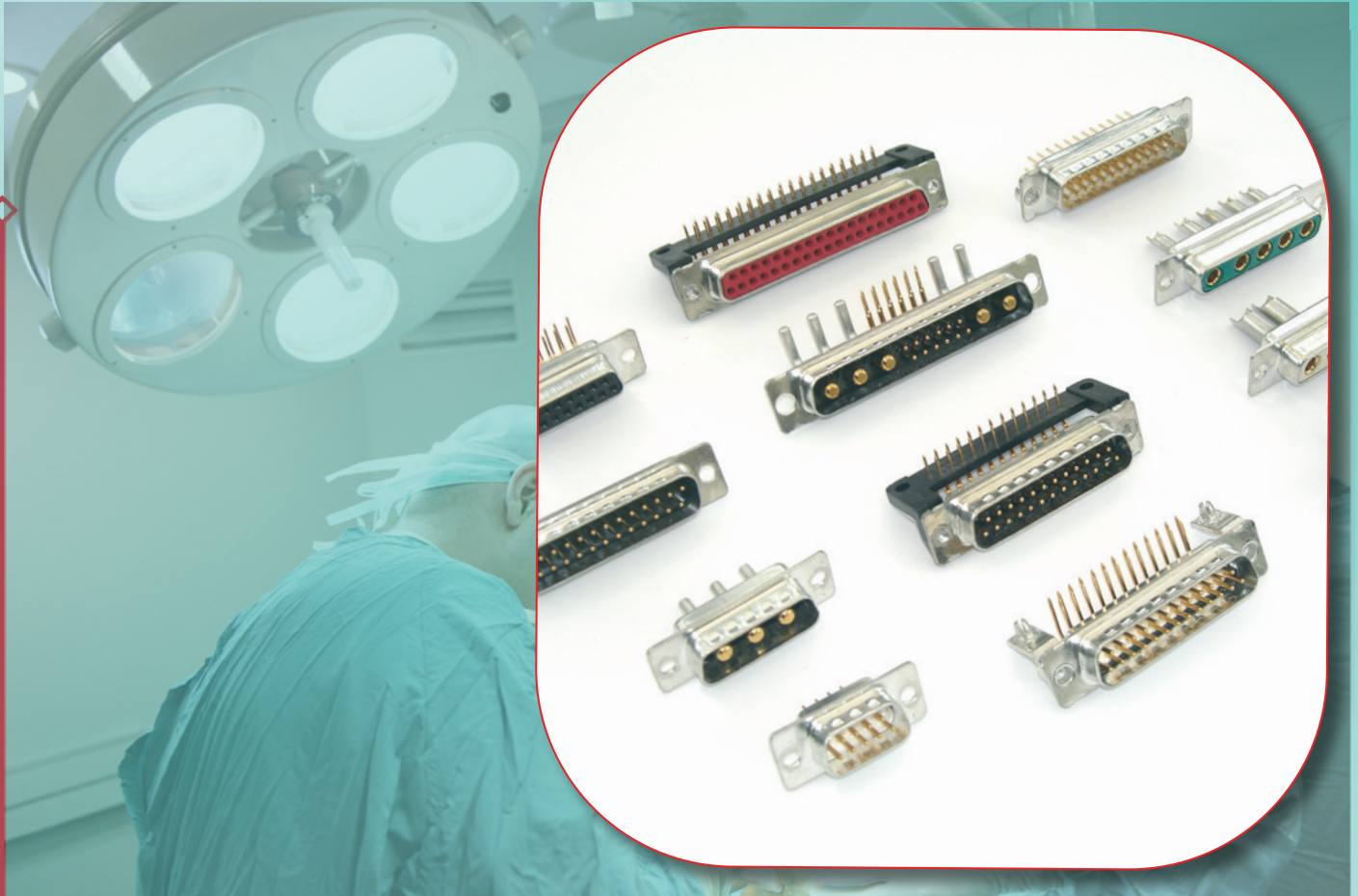


# Feed through Capacitors & Pi Filters

Part Number	Filter Circuit Type	Mounting Style	Capacitance	Working Voltage	Withstanding Voltage
17SA12	C	Solder rivet mount	10pF	300VDC	900VDC
17SA21	C	Solder rivet mount	470pF	220VDC	550VDC
17SA23	Pi	Solder rivet mount	2x1.5nF	250VDC	750VDC
17SA13	Pi	Solder rivet mount	2x1.5nF	250VDC	750VDC
17SA22	C	2BA bolt-in	56pF	500VDC	1500VDC
17SA29	Pi	Solder rivet mount	2x1.5nF	250VDC	750VDC
17SA30	Pi	Solder rivet mount	2x750pF	350VDC	700VDC
17SA35	Pi	12-32UNEF bolt in	2x1.5nF	250VDC	1000VDC
17SA37	Pi	SMD	2x2nF	250VDC	1500VDC
17SA39	Pi	Chassis mount array	24x2x1nF	100VDC	250VDC



# FERROPERM



## Filtered D Sub Connectors

- 9-50-way std density
- 15-78 way high Density
- Mixed layout constructions ( e.g. 7W2, 9W4, 17W5)
- Power constructions in 20A -40A ( e.g., 3W3, 5W5, 8W8)
- Feed-through capacitor & pi filter constructions
- 47pF to 350nF capacitor range
- Gold plated brass turned contacts
- Solder cup, straight & 90° PCB mount
- Complete range of mounting accessories
- Available in European & US footprints

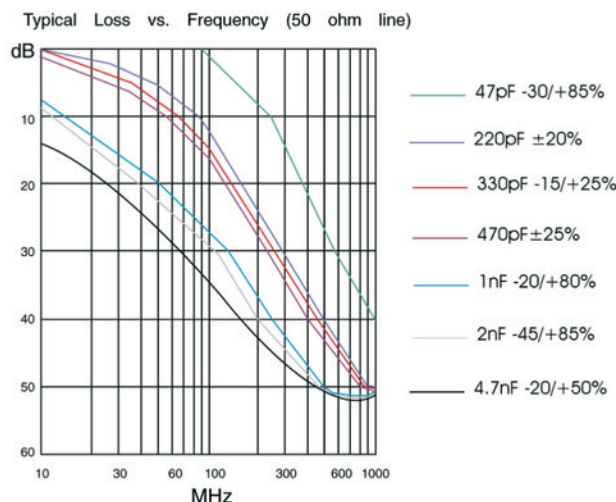


# Filtered D Sub Connectors

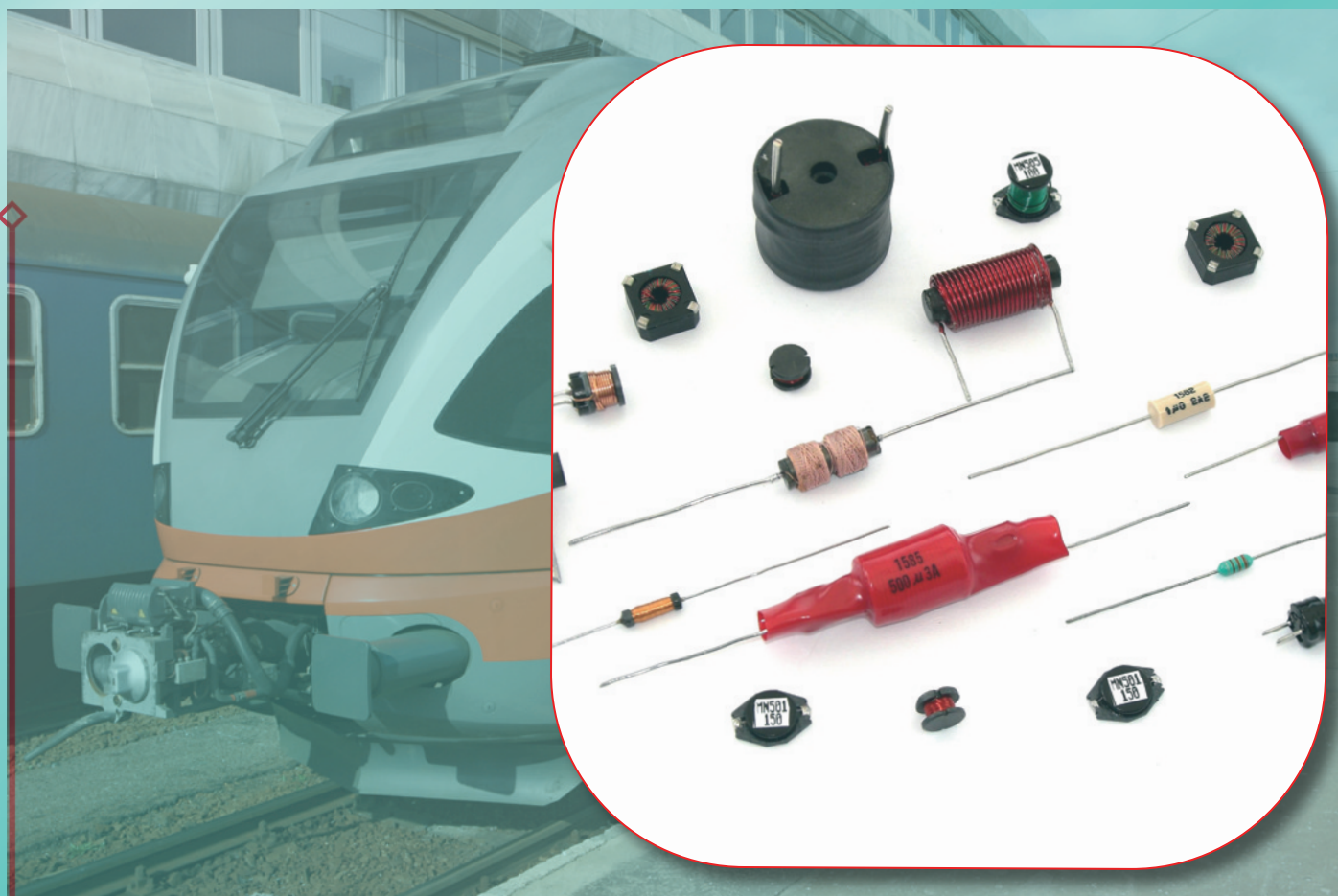


Type	No of Contacts	Capacitance	Current Rating	Working Voltage	Withstanding Voltage	Contacts
Std Density D	9,15,25,37 & 50	47pF to 4.7nF	5A	100VDC	300VDC	Gold plated turned Cu alloy in soldercup, PCB and 90°
High Density D Sub	15, 26, 44, 62 & 78	220pF & 1nF	5A	100VDC	300VDC	Gold plated turned Cu alloy in solder cup & PCB mount
D Sub Adaptors	9,15 & 25	47pF to 4.7nF in C or Pi filter	5A	100VDC	300VDC	Gold plated turned Cu alloy
Mixed Layout	All popular arrangements inc 3W3, 7W2, 17W5, 5W5	47pF to 350nF	5A for signal contacts, 20A & 40A for power contacts	100VDC & 300V	300VDC & 600VDC	Gold plated turned Cu alloy

The chart below illustrates the range of capacitance values available and the corresponding attenuation performance. Other capacitance values and performance data are available upon request.





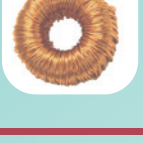
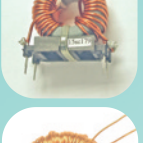
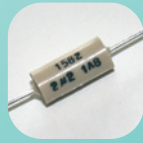


## Coils

- RF Suppression chokes
- General Purpose Inductors
- SMD Power Inductors
- Toroidal Inductors
- Common Mode Chokes
- Single Line Suppression Chokes
- Interference Suppression Chokes
- High Current inductors
- High Q flatpack inductors



# Inductors & Coils



Series Type	Inductance Range	Core	Insulation
1580/1580k RF chokes	10 $\mu$ H to 10mH	Low loss iron powder	PVC heat shrink
1582 RF Choke	0.1 $\mu$ H to 1mH	Low loss ferrite	Polypropylene moulding
1583 RF choke	1.0 $\mu$ H to 1mH	Low loss ferrite	Polypropylene moulding
1585 Insulated chokes	4 $\mu$ H to 1mH	Low loss ferrite	PVC heat shrink
1585 Lacquered chokes	4 $\mu$ H to 1mH	Low loss ferrite	Polyurethane Varnish
15EC24 General Purpose Chokes	0.22 $\mu$ H to 1mH	Ferrite	Epoxy coating
15EC36 General Purpose Chokes	0.22 $\mu$ H to 1mH	Ferrite	Epoxy coating
1588 RF Chokes	0.1 $\mu$ H to 100 $\mu$ H	Low loss ferrite	Polyurethane Varnish
1586 Interference Chokes	5.6 $\mu$ H to 10mH	Ferrite	PVC heat shrink
Common Mode Chokes	0.6mH to 10mH	Toroidal ferrite	Nylon Coating
Single Line Suppression Chokes	0.8mH to 4mH	Iron Dust	Nylon Coating





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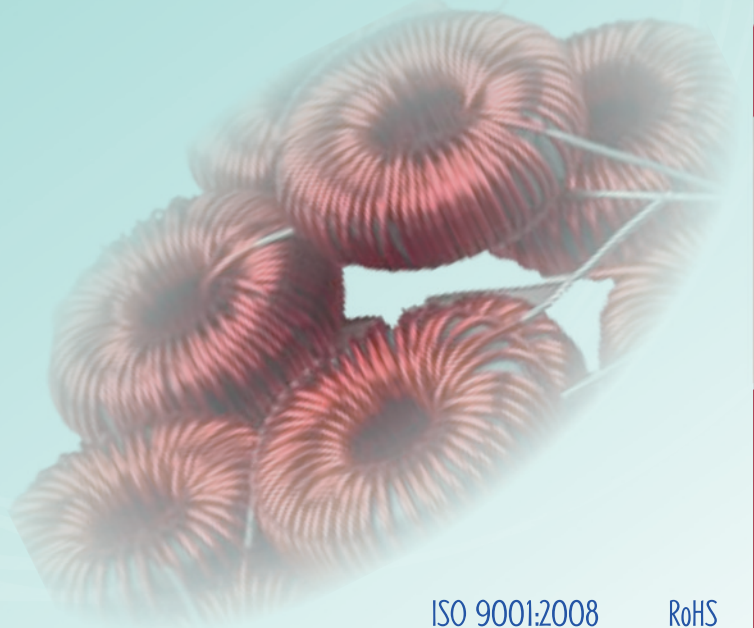
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