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Electrical/Electronic Part Applications

PPS delivers elevated temperature performance, precision moldability, and dimensional stability to withstand the SMT process, along with the required UL94V-0 flame resistance without incorporating flame retardant additives. These characteristics make PPS an ideal injection molding product for use in producing electrical and electronic parts such as connectors, electronic control modules and sensors.

In general, FZ-1140 and FZ-2140 are primarily used because they balance the basic characteristics of PPS along with moldability. FZ-1140-D5, FZ-2140-D5, and FZ-1130-D5 low-halogen types are suitable for molded products with precise and complicated shapes such as connectors. The FZ-3600 and FZ-6600 Series highly filled with filler are suitable for optical pickup applications that demand dimensional stability and rigidity. The EC Series, capable of ultra-low pressure molding, is suitable for sealing microcoils and electronic components.

Principal electronic components

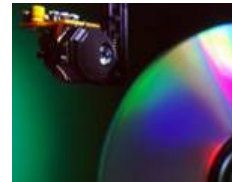
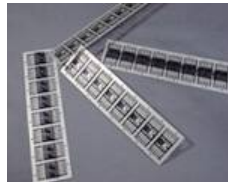
Micro switches
Capacitors
Photo interrupters
SMT-compatible connectors
Fiber optic connectors
Various coil bobbins
Transistor sealing
Hard disk actuator coil sealing

General electrical/electronic components

CD drive optical pickup bases
DVD drive optical pickup bases
Hard disk drive motor shaft bearings
Motor insulators
Button cell insulator gaskets
LCD projector housings


Home electronics parts, etc.

LCD projection TV lamp housings
Microwave parts
Electromagnetic cooker coil bases
Lamp sockets
Hair dryer nozzles
Steam iron parts



For inquires related to these products

 For inquires via the web

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DIC Corporation

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