

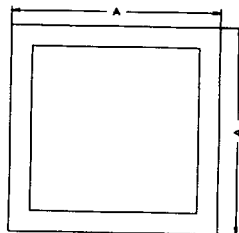
DIOTEC ELEKTRONISCHE

Polysiloxan-Passivated Rectifier Chips

Nominal current 1...10 A

The types L, F and E are Au/Ni - plated for soldering and are passivated with polysiloxan.

Type S is Ti/Ni/Ag - plated for soldering and thermocompression bonding.



All dimensions in mm

Available Types :

(Other dimensions and characteristic on request)

Type	Size A [mm]	Diffusion (Characteristic)	Nominal current I_F [A]	Repetitive peak reverse voltage V_{RRM} [V]
PRC 10L	1.0	Standard	1.0	50...2000
PRC 18L	1.8	"	3.0	50...2000
PRC 25L	2.5	"	5.0	50...2000
PRC 30L	3.0	"	6.0	50...2000
PRC 40L	4.0	"	10.0	50...2000
PRC 13F	1.3	Fast recovery	1.0	50...1000
PRC 18F	1.8	"	3.0	50...1000
PRC 25F	2.5	"	5.0	50...1000
PRC 30F	3.0	"	6.0	50...1000
PRC 40F	4.0	"	10.0	50...1000
PRC 13E	1.3	Superfast , epitaxial	1.0	50....400
PRC 18E	1.8	"	3.0	50....400
PRC 25E	2.5	"	5.0	50....400
PRC 30E	3.0	"	6.0	50....400
PRC 40E	4.0	"	10.0	50....400
PRC 10S	1.0	Schottky	1.0	20....100
PRC 16S	1.6	"	3.0	20....100
PRC 20S	2.0	"	5.0	20....100

For more details see data sheet of corresponding diode with same characteristics and nominal current.