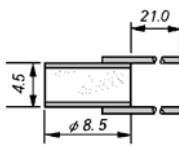
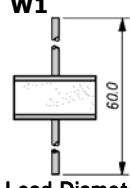
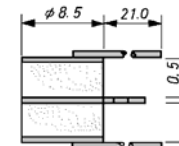
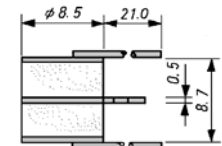
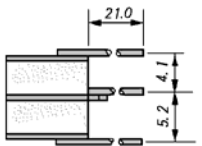
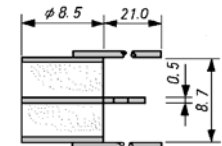
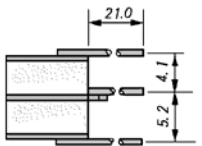
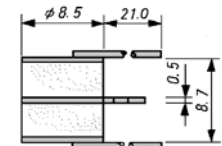
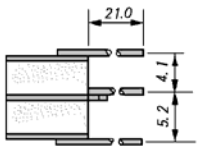
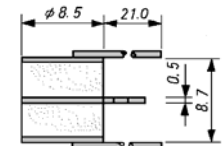
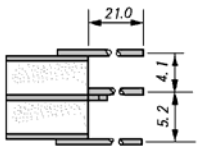
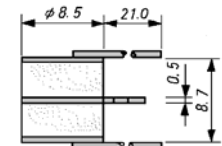
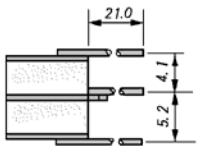
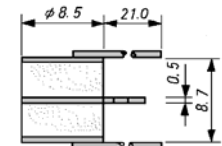
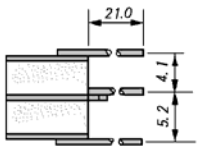
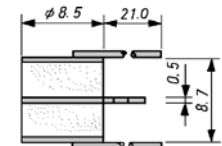
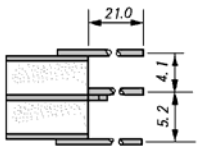
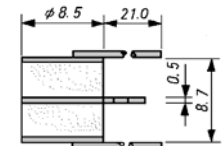
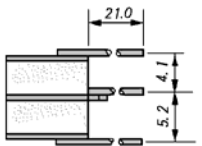
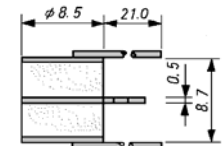
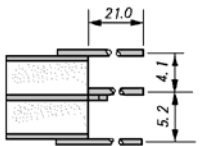


# Surge Arrester

## Open Tool List

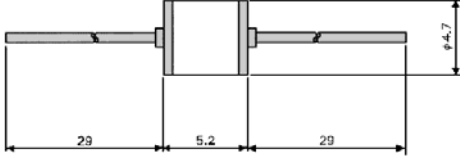
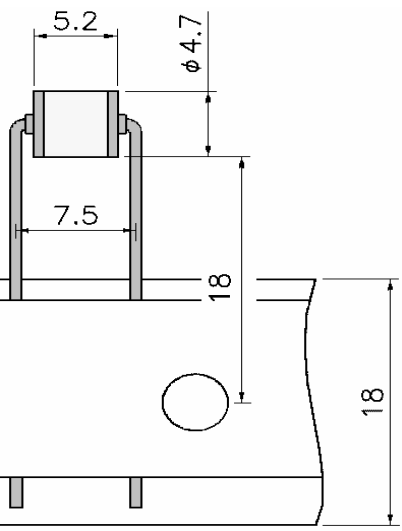
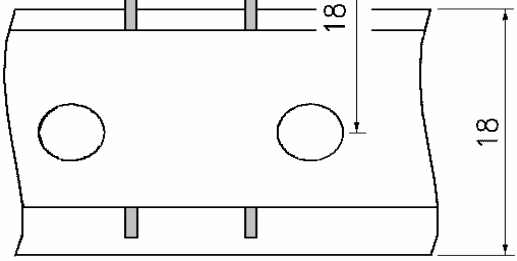
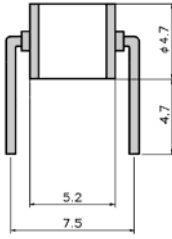
Part No. : Number of Electrode – Serial Number - Lead Type

Part No.	DC Breakdown Voltage (V) <NOMINAL>	Impulse Breakdown Voltage (100V/μs) (100V/μs) <NOMINAL>	Insulation Resistance (MΩ) <MIN>	Capacitance (pF) <NOMINAL>	Surge Life (Times) <MIN>	Dimensions (mm) & Configuration	
2P - 02 -	90	350	1 × 10 <sup>3</sup>	1.0	1/ 40μs 200A 40	<b>P1</b> 	<b>W1</b>  Lead Diameter 0.6
2P - 05 -	250	500				<b>P1</b> 	
3P - 01 -	400	600	50		10/ 200μs 200A 200	<b>P1</b> 	<b>P2</b>  Lead Diameter 0.6
3P - 02 -	150	400	100		10/ 200μs 200A 50		 Lead Diameter 0.6
3P - 03 -	90	350	1 × 10 <sup>3</sup>		10/ 200μs 200A 200		 Lead Diameter 0.6
3P - 08 -	350	550	100		10/ 1000μs 500A 100		 Lead Diameter 1.0
3P - 19	230	500	1 × 10 <sup>3</sup>		10/ 1000μs 500A 100		 Lead Diameter 0.8
	250				10/ 1000μs 500A 400		 Lead Diameter 0.8
	350				10/ 200μs 200A 50		 Lead Diameter 0.8
3P - 20	400	600			10/ 200μs 200A 50		 Lead Diameter 0.8
3PD	200	350		10/ 200μs 200A 50		 Lead Diameter 0.8	

# Miniature Surge Arrester

## Open Tool List

Part No. : Number of Electrode – Serial Number **Lead Type** DC Breakdown voltage  
(The first two digits are significant and the third digit is number of zeros)

Part No.	DC Breakdown Voltage (V) <NOMINAL>	Insulation Resistance (M ) <MIN>	Capacitance (pF) <NOMINAL>	Dimensions (mm) & Configuration
2P - 50 900	90			<b>A : Axial lead shape</b> 
2P - 50 301	300			<b>AF : Axial lead formed</b> 
2P - 50 401	400			
2P - 50 152	1500	$1 \times 10^2$	1.0	
2P - 50 242	2400			
2P - 50 302	3000			<b>AFC : Axial lead formed short cut</b> 
2P - 50 362	3600			<b>Lead Diameter 0.6</b>

Environment of storage and application : Humidity 60% maximum.  
Please wear your rubber gloves when treatment our parts.