

I2110 = Product group; Product group discount I 21 1_

Thermally Conductive Insulators

Features

- Mica Pad:
- Heat resistant, transparent, not hygroscopic
- For insulating power semiconductors

Technical Specifications

Dielectric Strength:.....2,4kV
Dielectric Constant:.....3,5 at 10⁶Hz
Volume Resistant:10¹³... 10¹⁷ Ω/cm
Melting Point:1260...1290°C
Hardness:.....80...150 Shore A

Part No.	Thermal Resistance ¹⁾ [K/W]	For Housing
GS1-TO3	0,35	TO3
GS4-TO220	1,2	TO220
GS-TOP3B	0,8	TOP3
GS-SOT93	0,8	SOT93

¹⁾ Without Heat Conductor Paste

Note

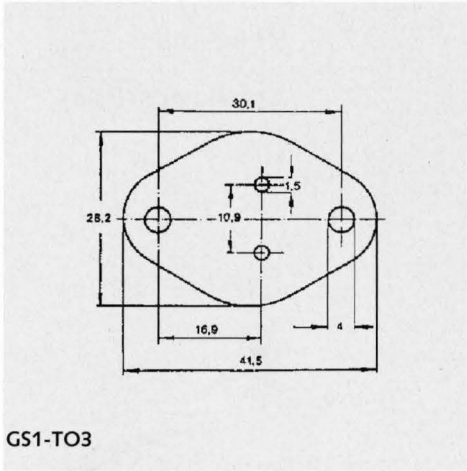
You will find heat conductor pastes for optimal heat transfer in our red "Components & Devices" catalogue at product group R3211.

Terms of Delivery

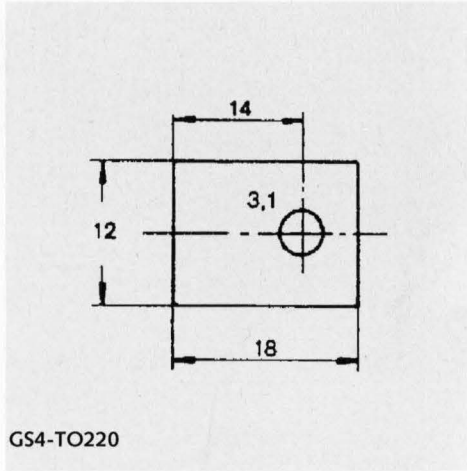
Minimum order quantity:1 PKU = 100 pieces

Manufacturer: Various

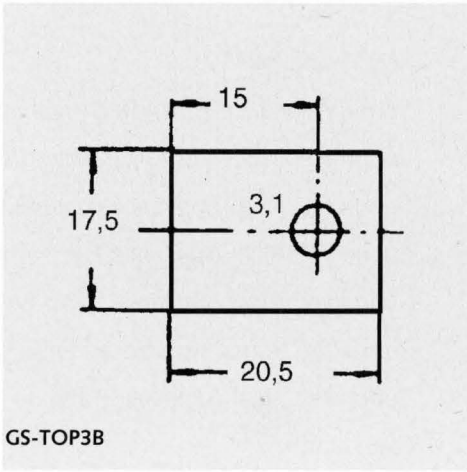
Part Nr.	Part description	PU	100 up.	500 up.	1000 up.
GS1-TO3	Mica Wafer for TO3 0,3K/W	H	3,70	2,20	1,70
GS4-TO220	Mica Wafer for TO220 1,2K/W	H	2,85	1,65	1,25
GS-TOP3B	Mica Wafer for TOP3 0,8K/W	H	5,20	3,25	2,60
GS-SOT93	# Mica Wafer for SOT93 0,8K/W	H	3,80	2,80	2,30



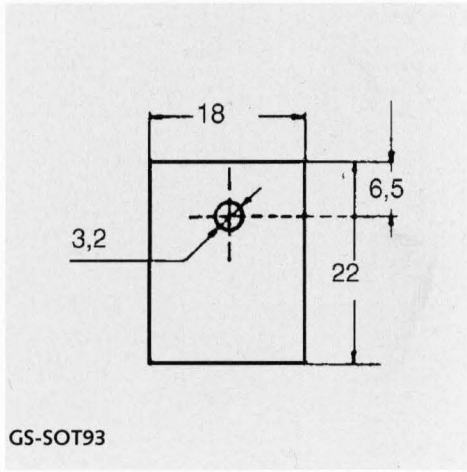
GS1-TO3



GS4-TO220



GS-TOP3B



GS-SOT93

I2113 = Product group; Product group discount I 21 1_

Thermally Conductive Insulators
0,3mm
Reinforced Glass Fiber

Features

- High thermal conductance
- Mechanical stability due to reinforced glass fiber
- Very flexible
- No heat conductor pastes necessary
- Flame-retardant in accordance with UL94V0

Technical Specifications

Material:Silicon with Reinforced Glass Fiber
Filling:Heat Conductive Ceramic
Material Thickness:0,3mm ±0.05
Dielectric Voltage¹⁾:7000V AC
Flammability Class:UL94V0
Thermal Conductance:1,5W/mK
Thermal Resistance²⁾:0,45°C/W
Operating Temperature:-60...+200°C

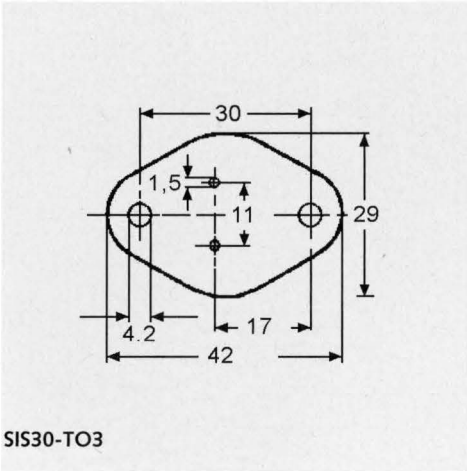
¹⁾ Voltage Ramp 1000V/s, ²⁾at Approx. 1,3MPa

Terms of Delivery

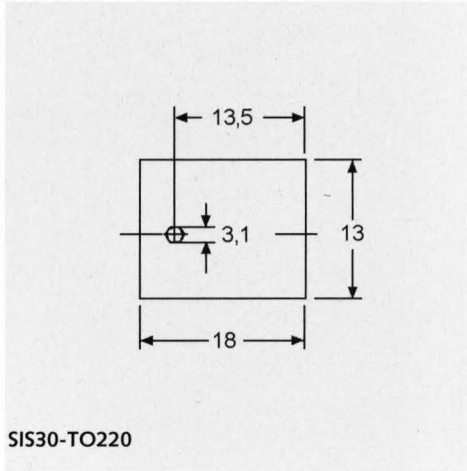
Minimum order quantity: 1 PKU = 100 pieces

Manufacturer: Various

Part Nr.	Part description	PU	100 up.	500 up.	1000 up.
SIS30-TO3	Silicone Insul. GF 0,3mm TO3	H	30,20	22,60	18,80
SIS30-TO220	Silicone Insul. GF 0,3mm TO220	H	8,90	6,70	5,60
SIS30-TO218	Silicone Insul. GF 0,3mm TO218	H	15,30	11,50	9,60
SIS30-TOP3	Silicone Insul. GF 0,3mm TOP3	H	14,40	10,80	9,00



SIS30-TO3



SIS30-TO220