

# Suppression Chokes

**D2244** = Product group; Product group discount D 22 4\_

## TAKRON Suppression Chokes For Thyristor Circuits, Open Mount Series: SK

### Features

- Prevention and absorption of noise emitted from electronic and electrical devices
- As chokes for switching mode power supplies
- Suitable for a large application range

### Construction

The toroidal core is made from metallic powder which has been heat-treated, insulated and wound with tinned copper wires. The magnetic dust core of the coil is made from high purity electrolytic iron (Mairon brand) powder which has been developed in the laboratories of Toho Zinc Co., Ltd.. The UL approved epoxy resin coat used for core insulation is specially developed by TAKRON laboratories for this purpose.

### Technical Specifications

Part Nr.	$I_N$ [A]	$L^{1)}$ [ $\mu$ H]	$R_{DC}$ [m $\Omega$ ]	Wire $\varnothing$ [mm]	N	$D_{max.}$ [mm]	$H_{max.}$ [mm]
SK8M3D	2	45	55	0,6	30	17	12
SK8M4D	2	80	75	0,6	40	17	12
SK10M4	3	72	45	0,8	40	22	12
SK12M5	5	100	40	1,0	50	26	13

$I_N$  = Rated Current, L = Inductance,  $R_{DC}$  = DC Resistance,  
N = Standard No. of Turns, <sup>1)</sup> at f = 1kHz; 1mA

### Additional Products

1000 pieces available on request, delivery time approx. 18 weeks

### Terms of Delivery

Minimum order quantity: 1 PKU = 10 pieces

**Manufacturer:** Takron

Part Nr.	Part description
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SK8M3D	Coil 45uH 2A
SK8M4D	Coil 80uH 2A
SK10M4	Coil 72uH 3A
SK12M5	Coil 100uH 5A

