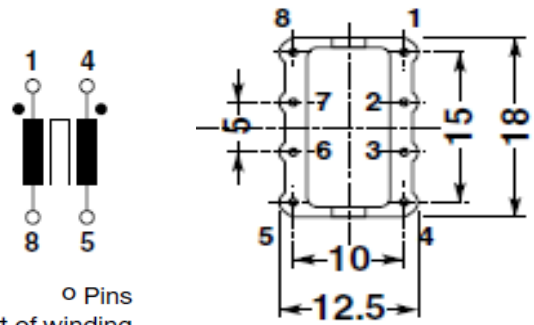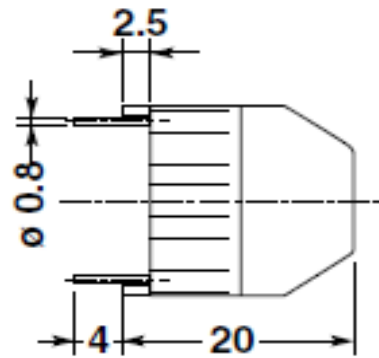## Features

These Chokes are fitting with high-permeability toroid core (ferrite).
They are mainly used in devices equipped witrh switched-mode power supplies, and in filters designed to prevent both the spread of parasitic noise within the device, and the effects of line noise on the device itself.

Technical Specification

Technical Data:

Rated Current:	referred to 250VAC 50/60Hz and 60°C ambient temperature
Rated Inductance:	at +20°C and 10kHz, 0,1mA.
Inductance tolerance:	.+ 50 -30%
Inductance loss:	<10% at DC initial loading with I_R
Testing Voltage:	1500V -50Hz, 2 sec, winding to winding
Climatic category:	DIN GKC (-40°C to +125°C; humidity cat.C).
DC resistance:	at +20°C
Derating operating current:	at +120°C ambient temperature I=0
Overtemperature of windings:	< 55°C
Max. permissible temperature of windings:	115°C%
Weight:	10gr.

The case are of flame-retardent plastic material in accordance with UL 94V-0
The choke are tested in accordance with EN 138100; EN60938-1

Dimensions (vertical mounting)

o Pins
● Start of winding

Standard Version

Rated current per winding (A)	Rated inductance per winding (mH)	DC resistance per winding (typical) mΩ
3,0	1,0	50

Potted Current Compensated Chokes

Part No.:	**F12020**
Customer:	

DRW:	Jason	CHKD	Jules	MATL:	Wu	DATE	04.07.2009
APPD:	Join			FINISH	Shieh	Sheet	1 from 2
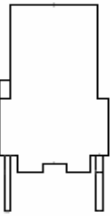
Soldering Profile for Lead Soldering

Classification Reflow Profile (JEDEC J-STD-020C)

Ordering Information

Serie		Tolerance	ROHS	Packing			
F12020	----	**O**	**R**	**TY**			

O= Tolerance +50% ~ -30%	**R=** ROHS conform	**TY=** Tray Packing
	N=NON ROHS conform	

		Potted Current Compensated Chokes		
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