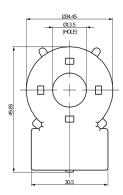
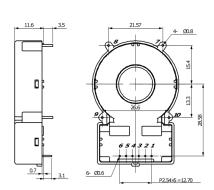


FG-R01-4GA

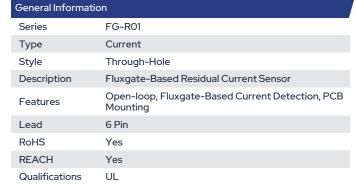
Aliases (USETR014GAA000)

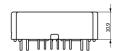
KEMET, FG-R01, Current, Through-Hole, Residual, Open-loop, Fluxgate-Based Current Detection, PCB Mounting





20 g





Click here for the 3D model.

Typical Component Weight

Dimensions	,
D	34.45mm NOM
L	30.5mm MAX
W	49.85mm MAX
Т	10.9mm MAX
LL	3.5mm MAX

Packaging Specifications	
Packaging	Tray, Box
Packaging Quantity	300

Specifications		
Temperature Range	-40/+105°C	
Voltage DC	2.25 V (PIN3, Analog Output; typical)	
Power Supply Voltage	5 V +/- 5%	
Current	6 mA (MAX, 60 Hz; CCID5 Detection), 20 mArms (MAX, 60 Hz; CCID20 Detection)	
Sensitivity	40 V/A (PIN3, AOUT; typical)	
Frequency Range	150 Hz MAX (at -3 dB; PIN3 AOUT)	
Measuring Range	+/-50 mA	
AC Alarm Response Time	200 maximum (ms, @20 mArms); 20 maximum (ms, @150 mArms); 10 maximum (ms, @264 mArms)	
DC Alarm Response Time	200 maximum (ms, @6 mA); 100 maximum (ms, @20 mA); 20 maximum (ms, @150 mA); 10 maximum (ms, @264 mA)	

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.