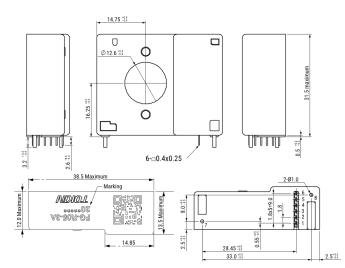


FG-R05-4GA

Aliases (USETR054GAA000)

KEMET, FG-R05, Current, Through-Hole, Residual, Open-loop, Fluxgate-Based Current Detection, PCB Mounting



Click here for the 3D model.

Dimensions	
D	12.6mm NOM
L	31.5mm MAX
W	38.5mm MAX
Т	13.5mm MAX
LL	3.2mm +/-0.4mm

Packaging Specifications		
Packaging	Tray, Box	
Packaging Quantity	300	
Typical Component Weight	20 g	

General Information		
Series	FG-R05	
Туре	Current	
Style	Through-Hole	
Description	Fluxgate-Based Residual Current Sensor	
Features	Open-loop, Fluxgate-Based Current Detection, PCB Mounting	
Lead	8 Pin	
RoHS	Yes	
REACH	Yes	
Qualifications	UL	

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)

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