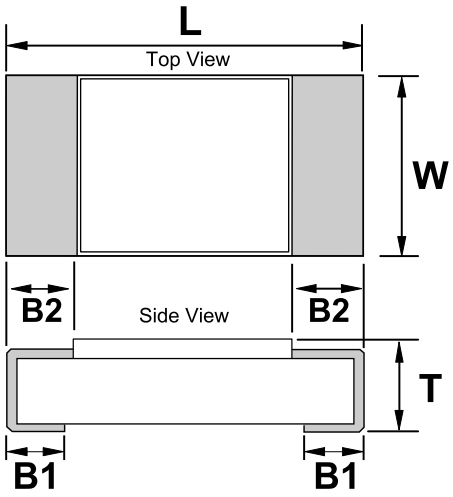
PE0805FRF070R04L

YAGEO, PE, Metal, SMD Chip, 40 mOhms, 1%, 0805 / 2012



General Information	
Supplier	YAGEO
Series	PE
Style	SMD Chip
Description	Automotive Grade Metal Current Sensor - Low TCR Chip Resistor
RoHS	Yes
Termination	Tin
Qualifications	AEC-Q200
Case Code (EIA / mm)	0805 / 2012

Dimensions	
L	2.03mm +/-0.25mm
W	1.27mm +/-0.25mm
T	0.35mm +/-0.25mm
B1	0.38mm +/-0.25mm
B2	0.38mm +/-0.25mm

Packaging Specifications	
Packaging	T&R, 178mm

Specifications	
Resistance	40 mOhms
Resistance Tolerance	1%
Power	0.125 W (70C)
Temp. Coefficient	-/+100 ppm/C
Temperature Range	-55/+170°C
Voltage DC	0.1 V (Max Continuous Voltage at Full Rated Power)

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.

© 2006 - 2026 YAGEO