

L0805C4R7MPMST

Aliases (L0805C4R7MPMST)

Obsolete

KEMET, L-PMS, Ceramic, 20%, 4,700 nH, 0805



Click [here](#) for the 3D model.

General Information

Series	L-PMS
Style	SMD Multi-Layer
Core	Ceramic
Description	Shielded, Surface Mount Inductor
Features	Standard Type
RoHS	Yes
Winding Type	Multilayer
Notes	Not recommended for new designs, please see L0805C4R7MPWIT, L0805R4R7MPWRT, L0805C4R7MPWST for replacement.

Dimensions

Chip Size	0805
L	2mm +0.3/-0.1mm
W	1.25mm +/-0.2mm
T	1.25mm +/-0.2mm

Packaging Specifications

Packaging	T&R
Packaging Quantity	2000

Specifications

Inductance	4.7 uH (10 MHz)
Inductance Tolerance	20%
Rated Current	80 mAmps (MAX)
Temperature Range	-40/+85°C
DC Resistance	480 mOhms
DC Resistance	0.48 Ohms
Quality Factor	20 at 10 MHz
Self-Resonant Frequency	35 MHz

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.