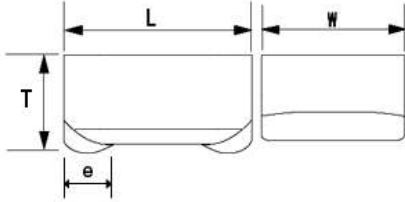


Spec Sheet

Metal Core Wire-wound Chip Power Inductors (MCOIL(TM) MA series H (High Spec.) type)

MAKK2520HR47M



■ Features

- Item Summary
0.47 μ H(\pm 20%), 1008
- Lifecycle Stage
Mass Production
- Standard packaging quantity (minimum)
Taping 3000pcs

■ Products characteristics table

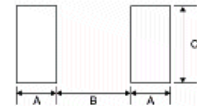
CaseSize (EIA/JIS)	1008/2520
Inductance	0.47 μ H(\pm 20%)
Inductance Measuring Frequency	2MHz
Rated Current -Saturation Current	5700mA
Rated Current -Temperature Rise Current	4000mA
DC Resistance (max)	0.029 Ω
DC Resistance (typ)	0.024 Ω
Temperature Range	-40 to +105 $^{\circ}$ C
RoHS Compliance	Yes
Halogen Free	Yes
Soldering Method	Reflow

■ External Dimensions

L	2.5mm \pm 0.2
W	2mm \pm 0.2
T	1mm max
e	0.5mm \pm 0.3

■ Recommended Land Patterns

【推奨ランドパターン】
 実装に際しては、実装位置の寸法を厳密に守る必要があります。
 本製品は、MCOIL(TM) MA series H (High Spec.) typeの製品です。
 (Recommended Land Pattern)
 At the time of mounting,
 please pay attention to the dimensions of the mounting position.
 This product is a product of MCOIL(TM) MA series H (High Spec.) type.



単位	A	J	C
mm	0.7	0.7	1.3
mm	0.5	1.0	2.0

LRF1008

The data is reference only. Electrical characteristics vary depending on environment or measurement condition. TAIYO YUDEN reserves the right to make change to the Date at any time without notice. Before making final selection, please check product specification.

2015.07.25