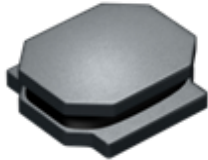


SMD Power Inductors for Automotive / Industrial Applications
(NR series H type)

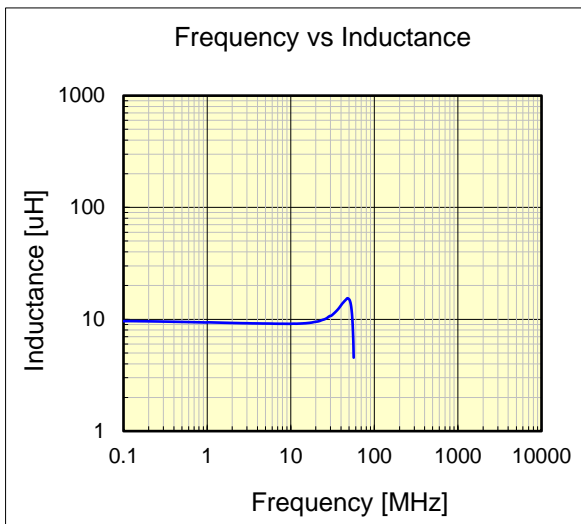
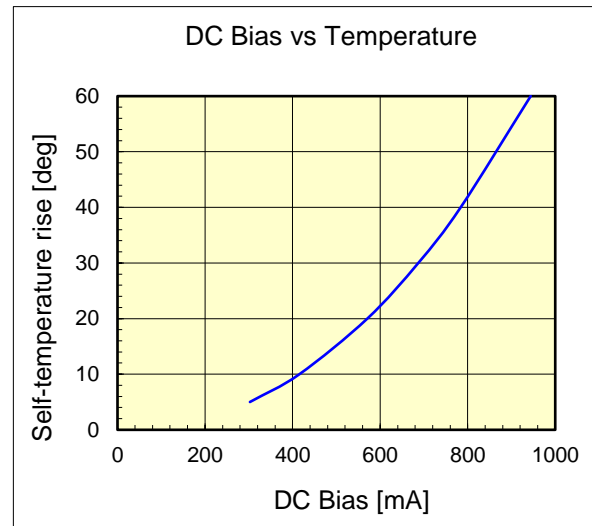
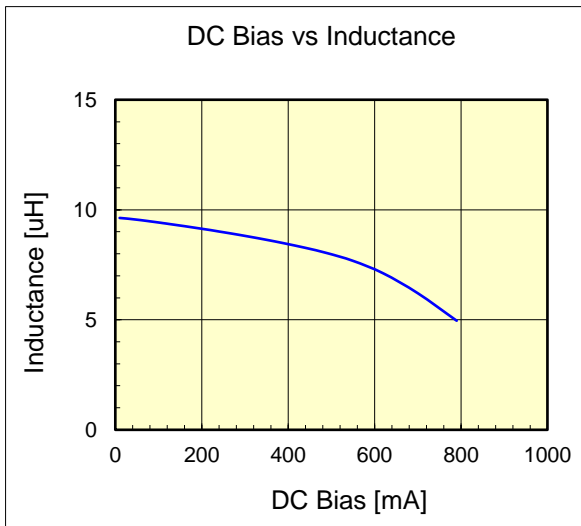
NRH3010T100MNV



AEC-Q200 qualified

Dimension	unit : mm	unit : inch
Length :	3.0 +/- 0.1	(0.118 +/- 0.004)
Width :	3.0 +/- 0.1	(0.118 +/- 0.004)
Height :	1.0 max.	(0.039 max.)

Inductance :	10	uH	(test freq at 0.1MHz)
DC Resistance :	0.35 / 0.42	ohm	(typ / max)
Saturation Current :	600	mA	(max)
Temp. rise Current :	620	mA	(max)
Saturation current typical : 30% reduction from initial L value.			
Temp rise Current typical : Temperature will rise by 40 deg C			



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

The products are tested based on the test conditions and methods defined in AEC-Q200. Please consult with TAIYO YUDEN for the details of the product specification and AEC-Q200 test results, etc., and please review and approve TAIYO YUDEN's product specification before ordering.