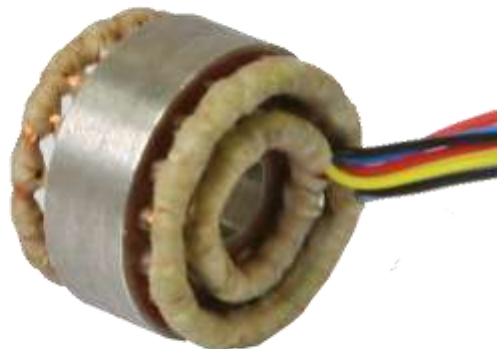


MR-15-12

Resolver

The **MR-15-12** is a highly reliable small size Resolver designed for measuring accurate angular position For both aerospace/military and industrial applications.

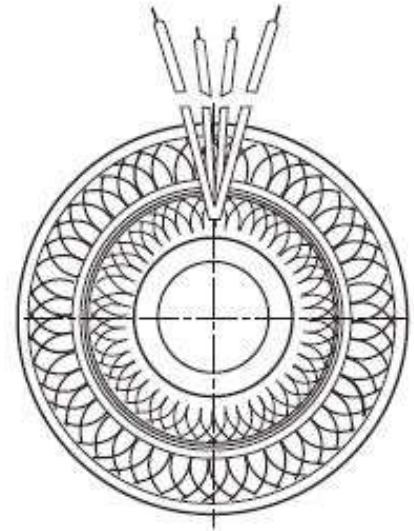
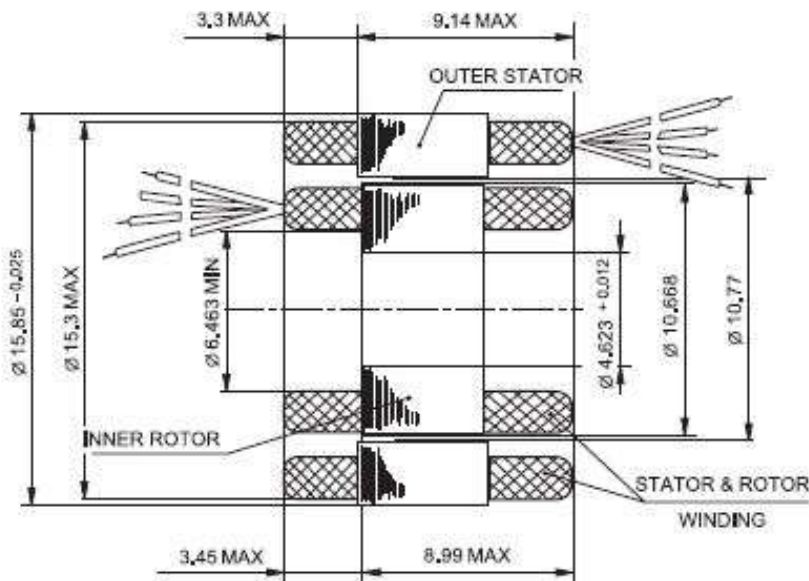


Specifications

<i>Parameter</i>	<i>Unit</i>	<i>Value</i>	<i>Tolerance</i>
DC resistance:			
Rotor	Ohm	43	± 10%
Stator	Ohm	64	± 10%
Temperature Coefficient	% / deg. C	0.4	-
Rated primary voltage	V (rms)	6	nom
Rated frequency	kHz	4.0	nom
Input current (with parallel capacitor C≤0.015mF	mA	5	Max
Phase shift	deg	5	± 5°
Transformation ratio (TR):			
TR with rotor energized	%	1.0	± 10%
Maximum difference between TR with rotor energized	%	1.0	-
TR with stator energized	%	0.85	± 10%
Maximum difference between TR with stator energized	%	1.0	-
Null voltage :			
Total null	mV	15	-
Fundamental null	mV	10	-
Electrical error (accuracy)	arc minute	±45	-

MR-15-12 (continued)

Drawing



Direction of Rotation

θ is positive for a CCW rotation of the rotor as viewed from the rotor lead wires exit side.

For Additional Information

To learn more about the MR-15-12

Resolver or other MTC products, contact MTC

on +972 4 998 7772 or email marketing@mtcind.com

Doc. # 301331 (06/2016)

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