



## SINGLE COIL RESOLVER (SCR)

|             |   |
|-------------|---|
| Industry    | Automotive  |
| Application | Hybrid powertrain / e-motor   |
| Functions   | Angular position sensor for electric motors<br>for EV and HEV cars  |
| Technology  | Inductive Magnetic Field  |
| Features    | <ul style="list-style-type: none"> <li>• Temperature range -40° C to +170° C<br/>(works in oil if necessary)</li> <li>• Up to 20,000 / min (rpm)</li> <li>• High accuracy</li> <li>• Pole pair numbers:<br/>2-, 3-, 4-, 5-, 6-, 10-, 12-, and 18-speed</li> <li>• Customized cable assembly and connector interface</li> <li>• Fault-tolerant with excentricity (static / dynamic)<br/>through patented winding scheme</li> <li>• Fault-tolerant against external fields</li> </ul> |

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