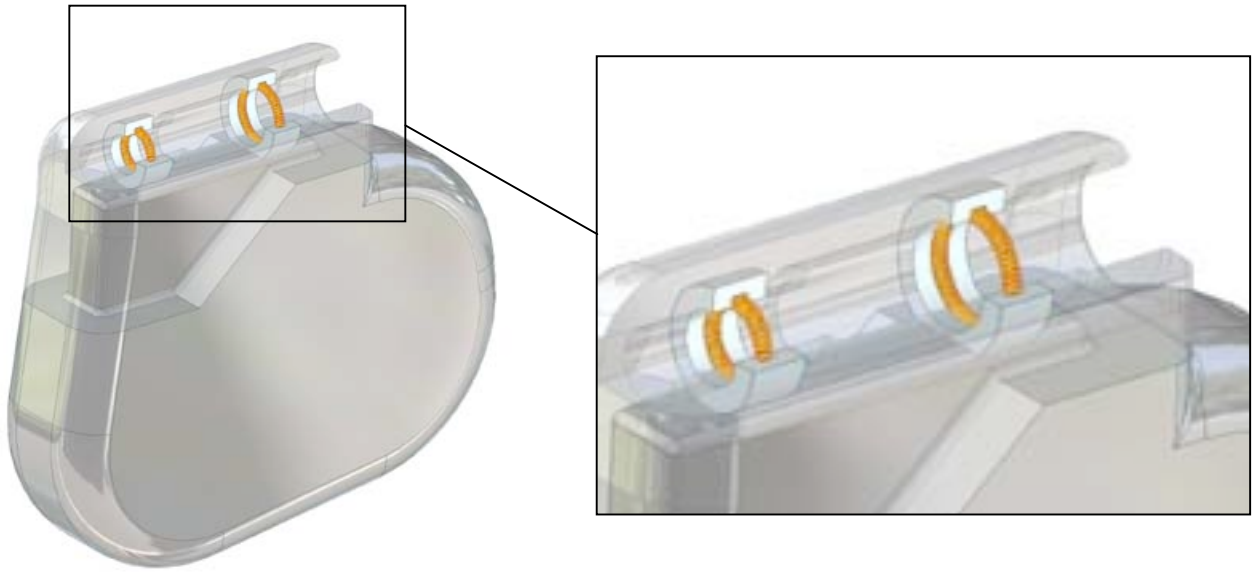
BAL SEAL® ENGINEERING, INC.

PN 290-62

BAL CONTACT™ SPRINGS FOR IMPLANTED MEDICAL ELECTRONICS

Bal Contact™ springs provide excellent electrical and mechanical performance in medical electronic contacts. The small coil size and the high number of coils make the springs suitable for compact designs. The patented canted-coil spring has near-constant spring contact force over a wide range of working deflection and permits wide tolerances on mating parts.

Cardiac Rhythm



Operating Parameters

Contact force:	50-500 grams
Contact resistance:	R < 0.02 Ω
Diameters:	1 - 3 mm
Mating Parts:	Implantable metals
BalContact™ Spring:	RF101MB
Spring Material:	MP35N® Nickel Alloy, 316 SS, PtIr

Features of Bal Contact™ Spring:

- Spring design provides consistent insertion forces.
- Installation requires no tools
- Numerous contact points provide excellent electrical performance in a very small package
- Widely accepted technology

For more information and technical assistance, consult the Bal Seal Technical Sales Department.

PATENTS: The items described in this page include products that are the subject of issued United States and foreign patents or products where patents are pending, including the following: Patents 6,641,141 B2; 7,210,398 B2; 6,161,838; 5,992,856; 5,134,244

U.S. Address 19650 Pauling Foothill Ranch, CA 92610-2610 • Phone: (949) 460-2100• Fax: (949) 460-2300
BV Address: Jollemanhof 16, 5th floor • 1019 GW Amsterdam • The Netherlands • Phone: 31 20 638 65 23 • Fax: 31 20 625 60 18
Rev.C 8-30-07 (11-285)
Bal Seal Engineering, Inc. is certified to ISO 9001 | www.balseal.com