

**FEATURES**

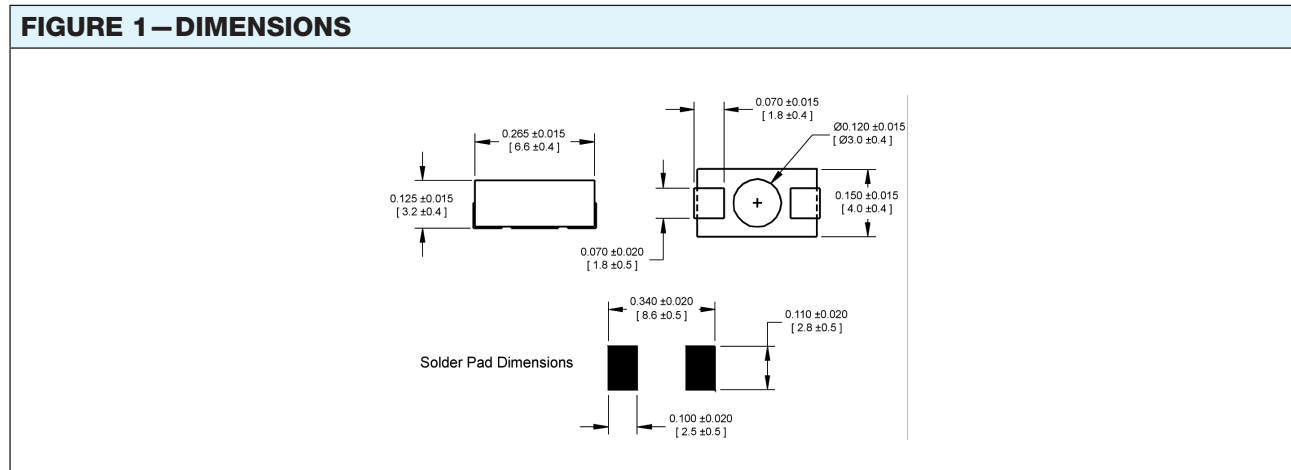
- Resistances from 1R to 3MOhms
- Tolerance to  $\pm 0.5\%$
- TCR's to  $\pm 5$ ppm/K
- Very Low Inductance
- Excellent Long Term Stability



**RoHS\***  
COMPLIANT

TYPE		SF-2 Series
Resistance Range		1Ω to 3MΩ
Power Rating	Free air 70°C	1 W
Dielectric Strength		750 VAC
Voltage Coefficient		0.5 ppm/V ( Max )
Insulation Resistance		>1000 MOhms / Dry
Operating Temperature Range		-25°C to +125°C ( TC $\geq$ 25ppm/K ) -10°C to +85°C ( TC < 25ppm/K )

TCR ( $\pm$ ppm/K)	Resistances Available at these Tolerances				
	$\pm 0.05\%$	$\pm 0.10\%$	$\pm 0.25\%$	$\pm 0.50\%$	$\pm 1\%$
5	50Ω - 250KΩ	10Ω - 250KΩ	10Ω - 250KΩ	10Ω - 250KΩ	-
10	50Ω - 510KΩ	10Ω - 510KΩ	10Ω - 510KΩ	10Ω - 510KΩ	-
15	50Ω - 510KΩ	10Ω - 1MΩ	10Ω - 1.5MΩ	10Ω - 1.5MΩ	10Ω - 1.5MΩ
25	50Ω - 510KΩ	10Ω - 1MΩ	10Ω - 1.5MΩ	5Ω - 2MΩ	5Ω - 2MΩ
50	50Ω - 510KΩ	5Ω - 1MΩ	3Ω - 1.5MΩ	2Ω - 2MΩ	1Ω - 3MΩ



ORDERING INFORMATION
Part Number - Resistance - Tolerance - TCR
SF-2 200 kOhm 0.1% 5ppm



## Disclaimer

ALL PRODUCTS, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Vishay Precision Group, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "VPG"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product.

The product specifications do not expand or otherwise modify VPG's terms and conditions of purchase, including but not limited to, the warranty expressed therein.

VPG makes no warranty, representation or guarantee other than as set forth in the terms and conditions of purchase. **To the maximum extent permitted by applicable law, VPG disclaims (i) any and all liability arising out of the application or use of any product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.**

Information provided in datasheets and/or specifications may vary from actual results in different applications and performance may vary over time. Statements regarding the suitability of products for certain types of applications are based on VPG's knowledge of typical requirements that are often placed on VPG products. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. You should ensure you have the current version of the relevant information by contacting VPG prior to performing installation or use of the product, such as on our website at [vpgsensors.com](http://vpgsensors.com).

No license, express, implied, or otherwise, to any intellectual property rights is granted by this document, or by any conduct of VPG.

The products shown herein are not designed for use in life-saving or life-sustaining applications unless otherwise expressly indicated. Customers using or selling VPG products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify VPG for any damages arising or resulting from such use or sale. Please contact authorized VPG personnel to obtain written terms and conditions regarding products designed for such applications.

Product names and markings noted herein may be trademarks of their respective owners.

Copyright Vishay Precision Group, Inc., 2014. All rights reserved.