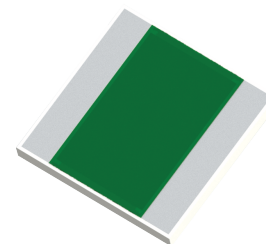


RS2525ZZ-XXXXWN-93 Features:

- Single-Sided Terminal Configuration
- Solder, Epoxy or Wirebond Attachment
- Customer Defined Testing Available
- Tape & Reel Available (Standard is bulk)



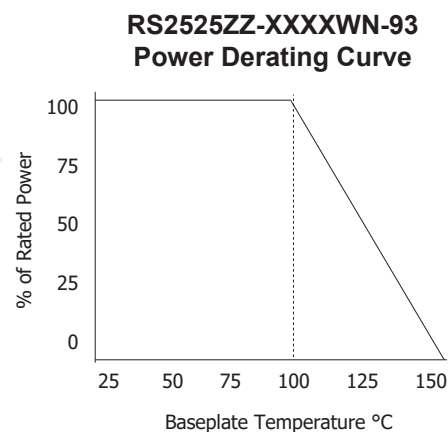
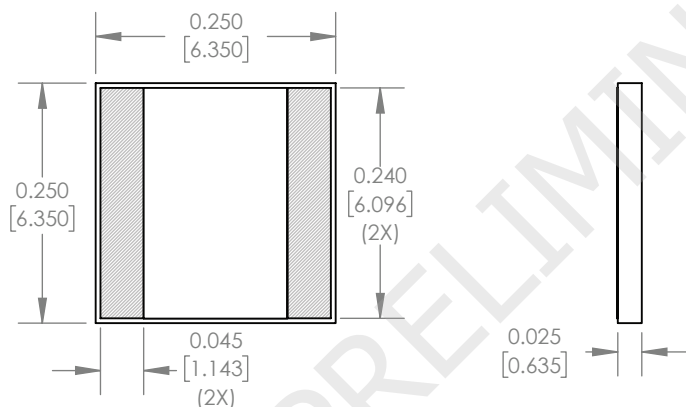
RS2525ZZ-XXXXWN-93 Parameters:

Resistance Range:	0.5Ω to 1MΩ
Rated Power:	3W*
Construction:	Thick Film on Al ₂ O ₃
Operating Temperature:	-55 to +150°C



* Rating based on ≤100°C constant baseplate temperature

RS2525ZZ-XXXXWN-93 Dimensions:



Dimensions in inches [mm]
Tolerance is ± 0.005 [0.127]
unless otherwise stated

Ordering Information:

RS	2525	ZZ	-XXXX	W	N	-	93	UU
Prefix for Single-Sided Resistor								
Size	2525		Value Code Examples R500 - 0.5Ω 1001 - 1KΩ 1R00 - 1Ω 1002 - 10KΩ 10R0 - 10Ω 1003 - 100KΩ 1000 - 100Ω 1004 - 1MΩ	Tolerance F - 1% G - 2% J - 5%	Normal Inspection Contact factory for additional options		Substrate 93 - 0.025" Al ₂ O ₃	Packaging Blank - Bulk TR - Tape and Reel TRD - Tape and Reel (Face/ Film Side Down)
Terminal Metallization			RoHS	Magnetic	Solder	Epoxy	Wirebond	
BA -	Palladium Silver		Yes	No	No	Yes	No	
CB -	SnPb over Nickel over Silver		No	Yes	Yes	No	No	
CT -	Matte Tin over Silver over Nickel		Yes	Yes	Yes	No	No	
DS -	Sn96 over Palladium Silver		Yes	No	Yes	No	No	
GA -	Gold		Yes	No	No	Yes	Yes	

Barry Industries reserves the right to change part number and/or process without notification.

RS2525ZZ-XXXXWN-93 Reliability Specifications:

Parameter:	Test Condition:	Results:
Short Time Overload	Apply 1.1x Rated Power for 5 Seconds.	≤ 5.0% Resistance Shift
Rated Load Life	Apply 1/2 Power Under 40°C ±2°C 90 Minutes on/ 30 Minutes off. Repeat for 100 hours	≤ 5.0% Resistance Shift
Moisture Resistance	MIL-PRF-55342 para 4.8.9 95% RH, 25°C - 65°C	≤ 5.0% Resistance Shift
Resistance to Soldering Heat	MIL-STD-202 Method 210 and MIL-PRF-55342 Para 4.8.8.1	≤ 5.0% Resistance Shift
Resistance to Bonding Exposure	MIL-PRF-55342 Para 4.8.8.2	≤ 5.0% Resistance Shift
Solderability	MIL-PRF-55342 Para 4.8.12	>95% Covered
High Temperature Storage	125°C ±2°C for 500 Hours	1.) ≤ 5.0% Resistance Shift 2.) No Significant Abnormality (Visual)
Thermal Shock	-65 to +125 30 Minutes Dwell, 5 Cycles	1.) ≤ 5.0% Resistance Shift 2.) No Significant Abnormality (Visual)

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