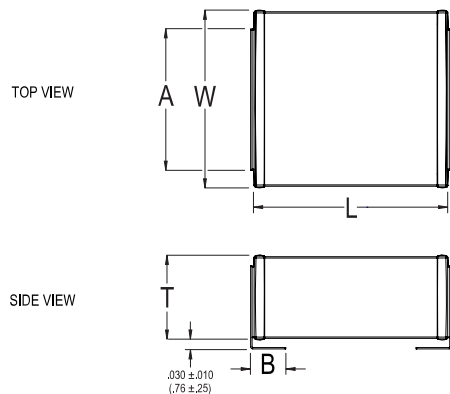


**KEMET Part Number: SM23B222M402B**  
(SM23B222M402)

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KPS SM SMD Indust X7R HV, Ceramic, 2200 pF, 20%, 4000 VDC, X7R, SMD, Fixed, High Volt, Low ESR, Leaded, Industrial, SM23



**Dimensions**

Chip Size	SM23
<b>L</b>	8.89mm +/-0.762mm
<b>W</b>	7.62mm +/-0.762mm
<b>T</b>	5.588mm MAX
<b>A</b>	5.08mm MAX
<b>B</b>	2.54mm +/-0.508mm

**Packaging Specifications**

<b>Packaging:</b>	Tray
<b>Packaging Quantity:</b>	50

**General Information**

<b>Series:</b>	KPS SM SMD Indust X7R HV
<b>Style:</b>	SMD Chip
<b>Description:</b>	SMD, Fixed, High Volt, Low ESR, Leaded, Industrial
<b>Features:</b>	High Voltage, Low ESR, Industrial Grade
<b>RoHS:</b>	With Exemptions
<b>REACH:</b>	SVHC (Pb – CAS 7439-92-1)
<b>Termination:</b>	Silver
<b>Marking:</b>	No
<b>AEC-Q200:</b>	No
<b>Shelf Life:</b>	78 Weeks
<b>MSL:</b>	1

**Specifications**

<b>Capacitance:</b>	2200 pF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	4000 VDC
<b>Dielectric Withstanding Voltage:</b>	4800 VDC
<b>Temperature Range:</b>	-55/+125°C
<b>Temperature Coefficient:</b>	X7R
<b>Dissipation Factor:</b>	2.5%
<b>Insulation Resistance:</b>	100 GOhms
<b>Quality Factor:</b>	3

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