

**KEMET Part Number: SM36B395M501B**  
(SM36B395M501)

**KEMET**

a YAGEO company

KPS SM SMD Indust X7R HV, Ceramic, 3.9 uF, 20%, 500 VDC, X7R, SMD, Fixed, High Volt, Low ESR, Leaded, Industrial, SM36



**Dimensions**

Chip Size	SM36
L	34.29mm +/-0.762mm
W	15.24mm +/-0.762mm
T	5.588mm MAX
A	12.7mm MAX
B	2.54mm +/-0.508mm

**Packaging Specifications**

<b>Packaging:</b>	Tray
<b>Packaging Quantity:</b>	10

**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>	3.9 uF
<b>Capacitance Tolerance:</b>	20%
<b>Voltage DC:</b>	500 VDC
<b>Dielectric Withstanding Voltage:</b>	750 VDC
<b>Temperature Range:</b>	-55/+125°C
<b>Temperature Coefficient:</b>	X7R
<b>Dissipation Factor:</b>	2.5%
<b>Insulation Resistance:</b>	300 MOhms
<b>Quality Factor:</b>	3

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