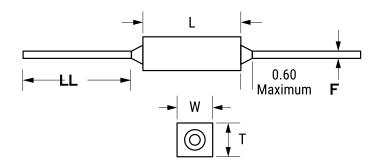


## ARA16D682KGA

ARA Indust X7R HT200C, Ceramic, 6800 pF, 10%, 100 VDC, X7R



## Click here for the 3D model.

Dimensions	
L	4.32mm MAX
W	2.03mm MAX
Т	2.03mm MAX
LL	31.75mm MIN
F	0.508mm +/-0.051mm

Packaging Specifications	
Packaging	Waffle, Tray
Packaging Quantity	25

General Information	
Series	ARA Indust X7R HT200C
Style	Axial Rectangular
Description	ARA Indust X7R HT200C with C3 Technology, Axial
Features	High Temperature
RoHS	With Exemptions
REACH	SVHC (Pb - CAS 7439-92-1)
Termination	Gold
Lead	Wire Leads
Testing and Reliability	MIL-PRF-39014
Qualifications	MIL-PRF-39014
AEC-Q200	No

Specifications	
Capacitance	6800 pF
Capacitance Tolerance	10%
Voltage DC	100 VDC
Dielectric Withstanding Voltage	250 VDC
Temperature Range	-55/+200°C
Temperature Coefficient	X7R
Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC)	15%, 1kHz 1.0Vrms
Dissipation Factor	2.5%1kHz1.0Vrms
Aging Rate	2% Loss/Decade Hour
Insulation Resistance	100 GOhms

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