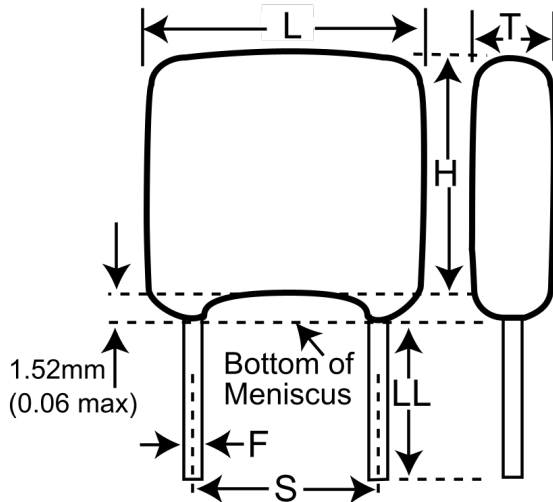


## 75HV35B682KNM

Aliases (75HV35B682KM)

HV RAD-LDD Indust X7R HV, Ceramic, 6800 pF, 10%, 7500 VDC, X7R, Commercial, High Voltage, Lead Spacing = 29.84mm



Click [here](#) for the 3D model.

### Dimensions

L	31.75mm MAX
H	15.24mm MAX
T	6.89mm MAX
S	29.84mm +/-0.762mm
LL	3.175mm MIN
F	0.635mm +0.102/-0.051mm

### Packaging Specifications

Packaging	Waffle
Packaging Quantity	4

### General Information

Series	HV RAD-LDD Indust X7R HV
Style	Radial
Description	Commercial, High Voltage
Features	Commercial
RoHS	With Exemptions
REACH	SVHC (Pb - CAS 7439-92-1)
SCIP Number	ef26097b-3862-4ee0-b0ad-404a563ece0f
Termination	Nickel
Failure Rate	N/A
Testing and Reliability	MIL-PRF-49467 Group A
Qualifications	MIL-PRF-49467 Group A
AEC-Q200	No

### Specifications

Capacitance	6800 pF
Capacitance Tolerance	10%
Voltage DC	7500 VDC
Dielectric Withstanding Voltage	9000 VDC
Temperature Range	-55/+125°C
Temperature Coefficient	X7R
Dissipation Factor	2%
Aging Rate	2% Loss/Decade Hour
Insulation Resistance	100 GOhms

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.