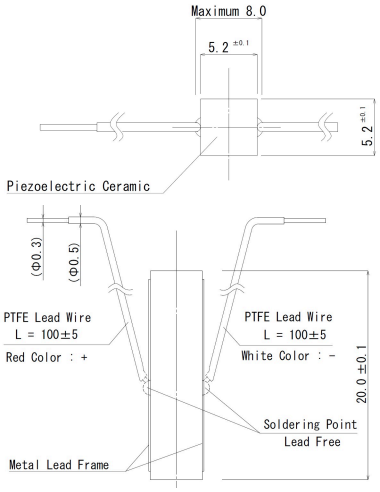
AS0505D20H20NF

Aliases (UPAS005052020N)

KEMET, AS, Piezo Ceramic Actuators, Multilayer



Click here for the 3D model.

General Information	
Style	Resin-Coat-Less
Description	Resin-Coat-Less Type Multilayer Piezoelectric Actuators
RoHS	With Exemptions
REACH	SVHC (PZT – CAS 12626-81-2)

Dimensions	
D	0.5mm
L	100mm
W	5.2mm +/-0.1mm
W2	8mm MAX
H	20mm +/-0.1mm
T	5.2mm +/-0.1mm
T2	6mm MAX

Packaging Specifications	
Typical Component Weight	5
Packaging	Bulk
Packaging Quantity	4

Specifications	
Series	AS
Displacement	19um +/-3um
Voltage DC	120 VDC
Capacitance	1.2 uF
Tolerance	20%
Tensile Strength	50 N
Generated Force	650 N
Stiffness	34 N/um
Insulation Resistance	50 MOhms
Temperature Range	-25/+150°C

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.

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