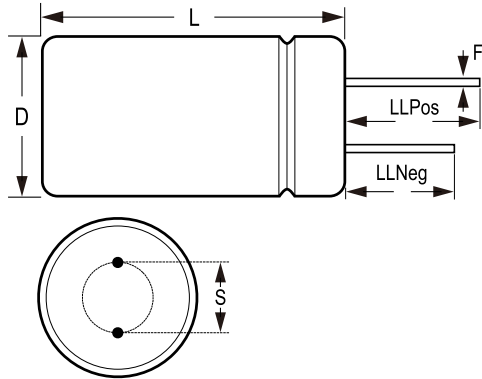


**KEMET Part Number: HVZ0E105NF**  
(USCHVZ0E105N00)

**KEMET**  
a YAGEO company

HVZ, Supercapacitors, Radial, 1 F, 30%, 2.7 VDC, Wire Leads, Lead Spacing = 3.5mm



| Dimensions  |                |
|-------------|----------------|
| D           | 8mm +/-0.5mm   |
| L           | 12mm +/-2mm    |
| S           | 3.5mm +/-0.5mm |
| LL Negative | 15mm MIN       |
| LL Positive | 20mm MIN       |
| F           | 0.6mm NOM      |

| Packaging Specifications |            |
|--------------------------|------------|
| Lead:                    | Wire Leads |
| Weight:                  | 1 g        |
| Packaging:               | Bulk, Box  |
| Packaging Quantity:      | 4000       |

| General Information |   |
|---------------------|---|
| Series:             | HVZ                                       |
| Description:        | Radial Cylindrical Double Layer Capacitor |
| RoHS:               | Yes                                       |
| AEC-Q200:           | No  |

| Specifications         |                   |
|------------------------|-------------------|
| Capacitance:           | 1 F               |
| Capacitance Tolerance: | 30%               |
| Voltage DC:            | 2.7 VDC           |
| Temperature Range:     | -25/+70°C         |
| Rated Temperature:     | 70°C              |
| Resistance:            | 300 mOhms (1kHz)  |
| Ripple Current:        | 0.8 mAmps (30min) |

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.

**KEMET**  
a YAGEO company