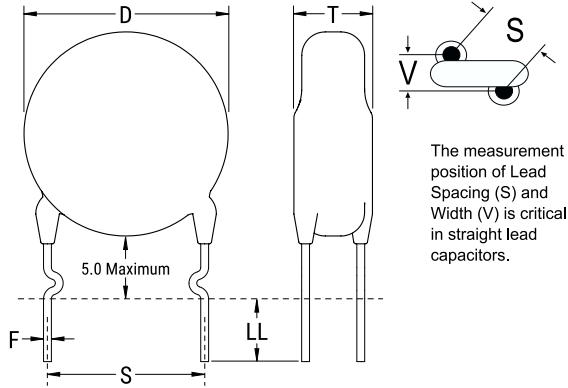


**KEMET Part Number: ERP610W222MERZ**  
(C835ER222M760G, ERP610VH4220MERZ)

ERP610 SFTY X1-760 Y1-500, Ceramic, 2200 pF, 20%, 760 VAC (X1), 500 VAC (Y1), Y5U, Lead Spacing = 12.5mm



| General Information    |   |
|------------------------|---|
| <b>Series:</b>         | ERP610 SFTY X1-760 Y1-500   |
| <b>Style:</b>          | Radial Disc   |
| <b>Description:</b>    | Ceramic Single Layer Safety Disc Capacitors   |
| <b>RoHS:</b>           | Yes   |
| <b>Termination:</b>    | Tin   |
| <b>Qualifications:</b> | UL, CSA, CAN, ENEC, VDE   |
| <b>Notes:</b>          | Please See Bulletin For Taping Information. H0 Dimension Refers to Seating Plane To Center Hole of Tape |

| Dimensions |                 |
|------------|-----------------|
| <b>D</b>   | 12mm MAX        |
| <b>T</b>   | 5mm MAX         |
| <b>S</b>   | 12.5mm +/-0.8mm |
| <b>H0</b>  | 16mm +/-0.5mm   |
| <b>F</b>   | 0.6mm +/-0.05mm |
| <b>A</b>   | 6mm +/-1.5mm    |
| <b>V</b>   | 2.1mm +/-0.5mm  |

| Specifications                  |                            |
|---------------------------------|----------------------------|
| <b>Capacitance:</b>             | 2200 pF                    |
| <b>Capacitance Tolerance:</b>   | 20%                        |
| <b>Voltage AC:</b>              | 760 VAC (X1), 500 VAC (Y1) |
| <b>Temperature Range:</b>       | -40/+125°C                 |
| <b>Temperature Coefficient:</b> | Y5U                        |
| <b>Dissipation Factor:</b>      | 2.50%                      |
| <b>Insulation Resistance:</b>   | 10 GOhms                   |
| <b>Safety Class:</b>            | X1/Y1                      |

| Packaging Specifications |  |
|--------------------------|--|
| <b>Packaging:</b>        | T&R, H0 = 16mm, Component Pitch = 25.4mm |

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