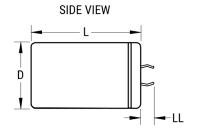


a YAGEO company

ELH688M050AS2AA

ELH, Aluminum Electrolytic, 6,800 uF, 20%, 50 VDC, -40/+85°C

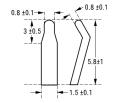


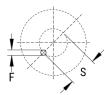






PCB LAYOUT





Click here for the 3D model.

| Dimensions | | |
|------------|----------------|--|
| D | 30mm +1mm | |
| L | 30mm +2mm | |
| S | 10mm +/-0.5mm | |
| LL | 5.8mm +/-1mm | |
| F | 1.5mm +/-0.1mm | |

| Packaging Specifications | , |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 200 |

| General Information | |
|---------------------|--------------------------------|
| Series | ELH |
| Dielectric | Aluminum Electrolytic |
| Description | Snap-In, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 2 Pin |
| AEC-Q200 | No |

| Specifications | |
|-----------------------|---------------------------|
| Capacitance | 6,800 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 50 VDC, 63 VDC (Surge) |
| Temperature Range | -40/+85°C |
| Rated Temperature | 85°C |
| Life | 2000 Hrs |
| Dissipation Factor | 30% 120Hz 20C |
| Resistance | 0.0585 Ohms (120 Hz 20°C) |
| Ripple Current | 3800 mAmps (120Hz) |
| Leakage Current | 3000 uA (5min 20°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.