

## EP cores and accessories

EP7

## General data

| PARAMETER                     | SPECIFICATION                                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------------------------------------|
| Coil former material          | phenolformaldehyde (PF), glass reinforced, flame retardant in accordance with "UL 94V-0"; UL file number: E41429 |
| Solder pad material           | copper-tin alloy (CuSn), tin (Sn) plated.                                                                        |
| Maximum operating temperature | 155 °C, "IEC 60085", class F                                                                                     |
| Resistance to soldering heat  | "IEC 60068-2-20", Part 2, Test Tb, method 1B, 350 °C, 3.5 s                                                      |
| Solderability                 | "IEC 60068-2-20", Part 2, Test Ta, method 1: 235 °C, 2 s                                                         |

## Winding data

| NUMBER OF SECTIONS | WINDING AREA (mm <sup>2</sup> ) | MINIMUM WINDING WIDTH (mm) | AVERAGE LENGTH OF TURN (mm) | TYPE NUMBER    |
|--------------------|---------------------------------|----------------------------|-----------------------------|----------------|
| 1                  | 4.7                             | 3.9                        | 17.9                        | CSHS-EP7-1S-6P |
| 1                  | 4.7                             | 3.9                        | 17.9                        | CSHS-EP7-1S-5P |