

## COIL FORMERS

## General data

ITEM	SPECIFICATION
Coil former material	liquid crystal polymer (LCP), glass reinforced, flame retardant in accordance with "UL 94V-0"; UL file number E 54705
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 for EFD12 coil former (SMD) with 8-solder pads

NUMBER OF SECTIONS	NUMBER OF SOLDER PADS	MINIMUM WINDING AREA (mm <sup>2</sup> )	MINIMUM WINDING WIDTH (mm)	AVERAGE LENGTH OF TURN (mm)	TYPE NUMBER
1	8	6.5	7.65	18.6	CPHS-EFD12-1S-8P-Z