

New Planar Core Part Numbers

Magnetics has completed tooling of all of the adjustable height IEC standard (61860) planar E/E and E/I cores. This includes tooling for clip recesses in the backs of the parts. For these eight sizes (shown below), we are now adding part number nomenclature that both defines the parts, and protects customers from inadvertently receiving parts different from the ones they expect. The change is simply to use a “C” (clip) or “F” (flat) at the beginning of the part number. For example, 0R-42216-EC is now CR-42216-EC, or without clip recesses, FR-42216-EC.

The table below summarizes the tooling available and the prefixes used:

Prefixes	Tooling Category for the E-Core	
	Clip Tooling Exists	No Clip Tooling Available
Build with...		
...Clip Slots	C	Not possible
...Flat Back	F	0
	<u>IEC Standards</u>	
	41434 EC & IC	41425 EC
	41805 EC & IC	42107 EC
	42216 EC & IC	43618 EC & IC
	43208 EC & IC	44008 EC & IC
	43808 EC & IC	44308 EC & IC
	44310 EC & IC	46409 EC
	45810 EC & IC	49938 EC
	46410 EC & IC	

Part Number Examples:

CR-45810-A700 has clip slots.

FR-45810-A700 does not have slots.

0R-45810-A700 is not valid since it fails to completely specify the part.

0R-44008-A700 is valid since no clip tooling exists for the 44008.

FR-44008-A700 is not valid since it would indicate the wrong category.

The catalog standard offering will be the C version when available. We expect F to be utilized only by those customers with a specific requirement not to have clip slots.

Please note that the previous 0_-46410-EC___ is now called the 0_-46409-EC___. The new 46410 part, which conforms to the standard dimensions, is numbered either C_-46410-EC___, or F_-46410-EC___.

For any questions or additional information, please contact Magnetics Applications Engineering.