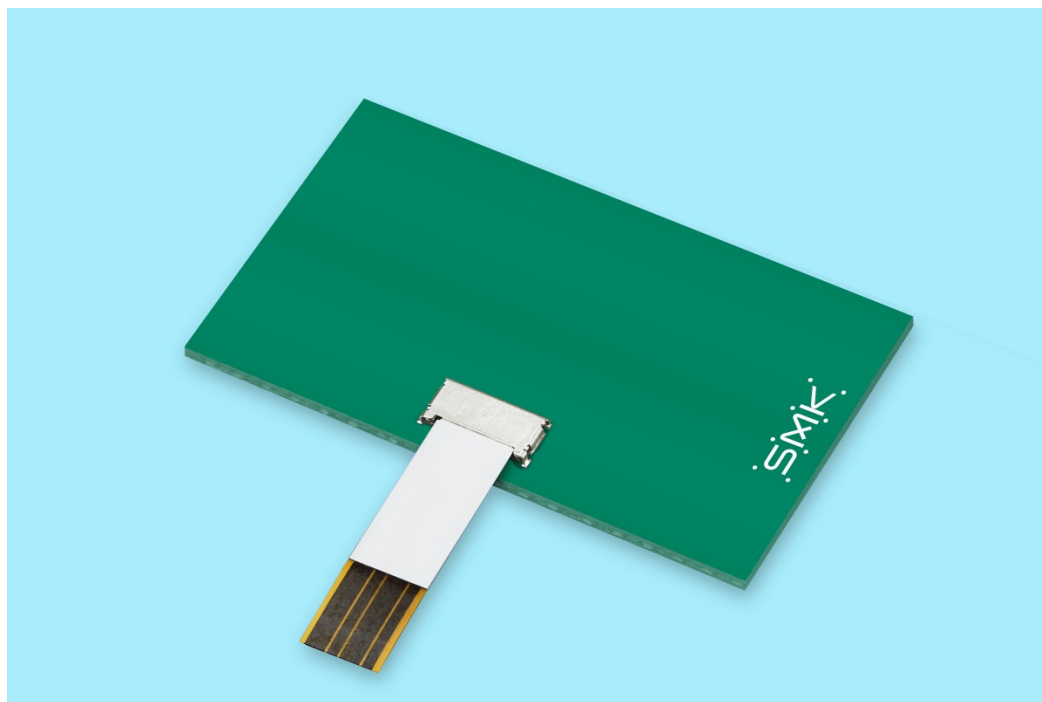


SMK Develops Ultra-thin and Compact 0.175mm Pitch FPC Connector with Half-lock Structure



SMK has developed the “EN-175” FPC connector with a new structure and expanded the product line of “EN Series”.

Amid the trend of miniaturization of mobile devices, FPC connectors for internal connection are required to have a narrow pitch, to be compact and easy-to-assembly.

EN-175 achieved ultra-thin and compact dimensions with mounting height of 0.5mm (the lowest level in the industry as 0.175mm pitch PFC connector) and depth of 2.8mm, contributing to saving space in the final products.

It also improves assembly workability due to its non-ZIF structure (half-lock structure) that allows easy FPC insertion and removal in one action.

【Applications】

Smartphones, tablet PCs, wearable devices, other mobile devices.



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Press Release Number	1109CS	
Product Name	0.175mm Pitch FPC Connector, EN-175	
Features	<p>1) Narrow pitches of 0.175mm.</p> <p>2) Space-saving product: Mounting height of 0.50mm and depth of 2.80mm.</p> <p>3) Non-ZIF structure allows FPC insertion/removal in one action, resulting in reduced man-hours for assembly.</p>	
Major Specifications	Number of Pins	21 pins
	Rating	30V AC/DC, 0.2A
	Contact Resistance	30mΩ maximum
	Insulation Resistance	100V DC (1 minute) / 100MΩ
	Withstanding Voltage	100V AC (1 minute)
	Operating Temperature Range	-40°C to +85°C
	External Dimensions	Length: 5.60mm (21pin) Width: 2.80 mm Stack height: 0.50 mm
Sample Price	500 yen per unit	
Inquiry	For more information, please contact CS Division	