



CX90B-16P Series

Top-Mount USB Type-C Receptacle

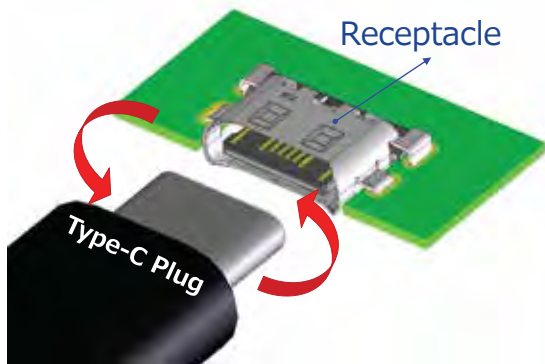
FEATURES:

- ▶ Compliant to USB Type-C standard
- ▶ Reduced product size enables space-saving design
- ▶ Improved product quality and safety with 5A supporting
- ▶ Reversible plug insertion
- ▶ Improved peeling strength using 6 THR* mounting posts
- ▶ USB 2.0 high speed (480Mbps) transmission
- ▶ Ideal for charging applications

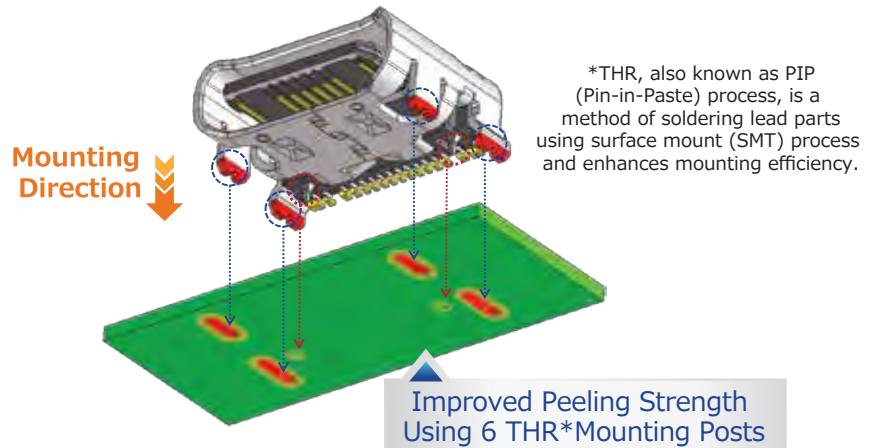
*THR, also known as PIP(Pin-in-Paste) process, is a method of soldering lead parts using surface mount (SMT) process and enhances mounting efficiency.

REDUCED PRODUCT VOLUME BY 16% COMPARED TO COMPETITOR

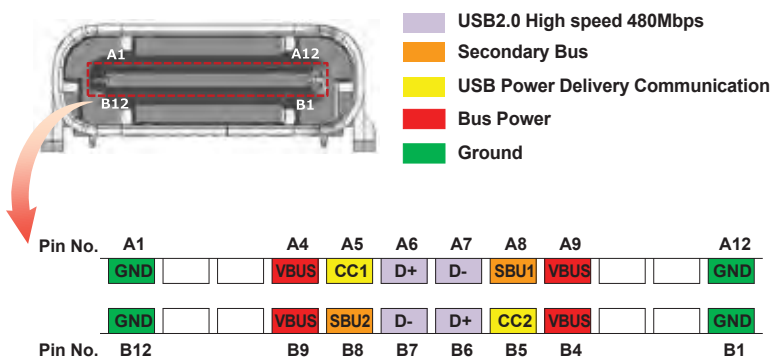
Reversible Plug Insertion



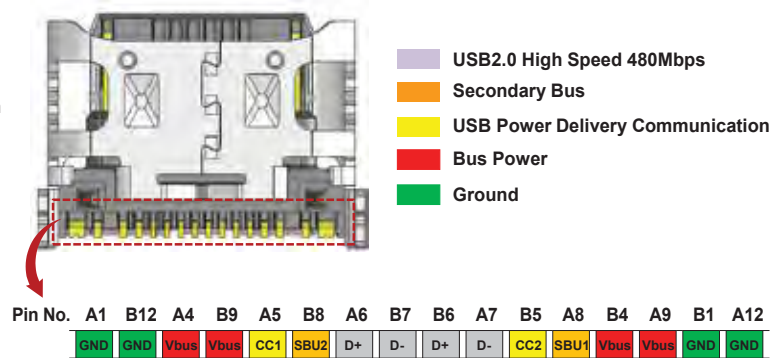
Improved Peeling Strength



Pin Assignment (Mating Side)



(Mounting Side)



USB2.0 High speed (480Mbps) transmission

Applications



Internet of Things



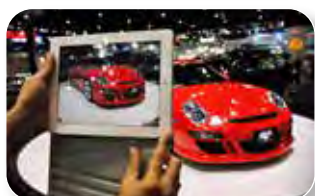
Smart Phone



MP3 Players



Ebooks



Tablets



Laptops



Digital Cameras



Portable Storage



Medical Devices



GPSX



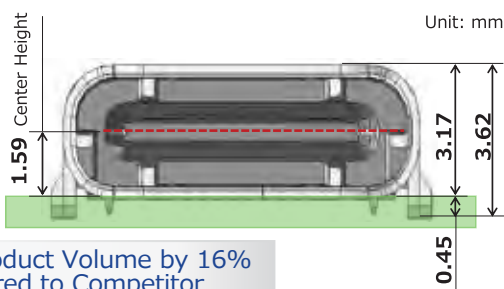
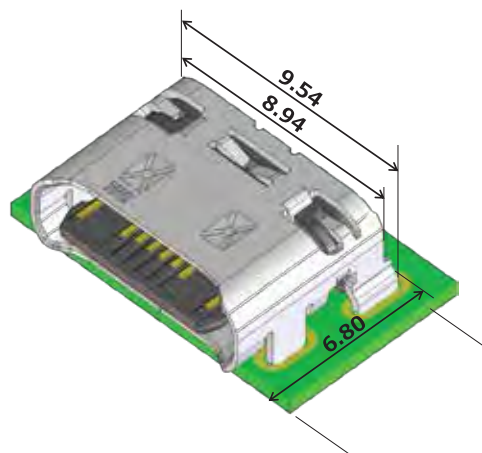
Wearables



Car Infotainment

CX90B16P Competitive Advantages

Product Name: CX90B-16P



Reduced Product Volume by 16% Compared to Competitor

	Width	Depth	Height	PCB Mounting Area	Volume
CX90B-16P	9.54mm	6.80mm	3.62mm	64.87mm ²	234.84mm ³
Competitor	8.94mm	7.35mm	4.26mm	65.71mm ²	279.92mm ³



For additional information please go to <https://www.hirose.com/product/series/CX>

Specifications herein are subject to change without notice. Contact Hirose for latest specifications, drawings, or availabilities.

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