

4080 Series - Compression Terminal -



With the spread of 5G/IoT, EMI countermeasures in the internal circuits are becoming more important. Reliable ground connections at various parts are also required.

In order to solve both EMI and grounded connection enhancements, IRISO's compression terminal is one of the solution. It can be used not only for internal connection of in-vehicle devices but also for small devices such as smartphones and tablets.

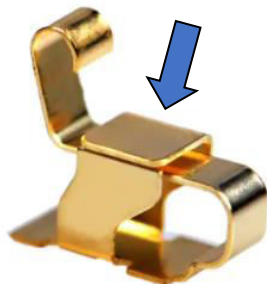
Copper alloys are used which has excellent conductivity and spring properties and can be used for additional device connections.

【Target Application】

Smartphones, tablets, smart watches, mobile routers and other communication devices, home gaming consoles, communication robots, etc.

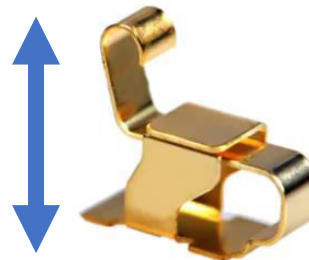
Pick and place area

The highlighted area in the image, prevents any deformation and help in pick and place operations. The pick and place area is designed for adsorption stability and to eliminate all the mounting errors.



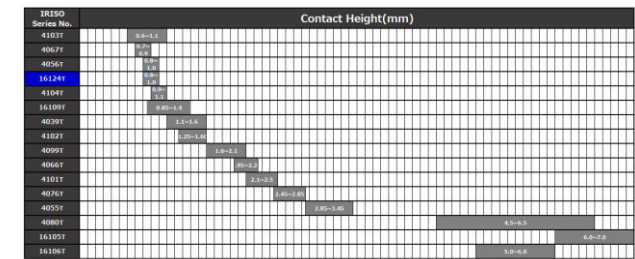
Height range

The range of use for this particular terminal is from 4.5mm to 6.5mm. This enables flexibility in the use of this connector for various mating height variations.



Various Lineup

IRISO's compression terminal lineup covers a wide range of compression sizes from 0.6 mm to 7.0 mm so that it can be used as a substrate for any application. Please use the "[Compression Search](#)" feature on our website to find the product that supports your needs.



IPS-4080T-01Y901

Product Spec

Item	Unit	Specification
Connecting Type	—	Stacking
Compression Range	mm	4.5~6.5
Projected Area	mm	3.0×7.6
Contact Force (Compression Range=2.85)	N	1.0
Operating Temperature Range	°C	-40~+105
Contact Resistance	Ω	0.1
Durability (Insertion/Withdrawal)	times	5000

Terminal

Component	Material	Plating
Terminal	Copper alloy	Gold/Sn

* For packaging info, please refer to our packaging drawing.

* Contents are subject to change without prior notice, due to our quest for improving product performance. Dimensions and specifications described herein are limited to major items. For more details on how to use this connector, please request a drawing and specification sheet. *Specifications may be subject to changes without prior notice, due to our quest for improving product performance.

* 掲載している内容・仕様・数値は、概略のものであり、予告無しに変更されることがあります。

* ご使用の際は、最新の図面・仕様書をお取り寄せ頂き、正しくご使用下さい。ご不明な点などございましたら、弊社営業担当にご相談ください。

* 製品の梱包については図面をご確認ください