WI Series

SMD Power Inductor

Size 4532

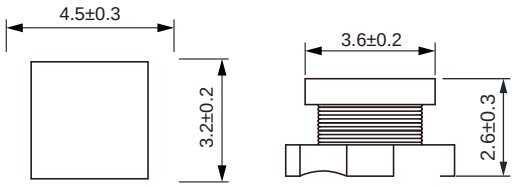
CHARACTERISTICS

- bλÎy˝Y l·ŭŜ№λl·f ǿλŭK l· KλƎK v l·ŭ KλƎK ₹№ŜljdzŜyŎè
- 5λũŜ№Ŝyŭ ăλÎŜă l·yŘ ǿλŘŜ λyŘdzÔŭl·yŎŜă l·Ø̆l·λfl·ōfŜ
- vdzl·y˝əűëY pллLJŎă

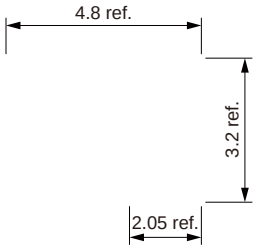
APPLICATION

- [2ǿ LJ2ǿŜ№ 5/к5/ Ŏ2yØ̆Ŝ№ŭŜ№
- CλfűŜ№
- DŜyŜ№l·f ŎλW̆Ŏdzλŭ l·LJLJfλŎl·ə2y˝

Dimensions: [mm]



Land Pattern: [mm]

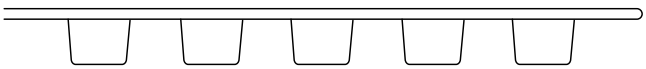


Electrical Properties:

Part No	Inductance		Tolerance		SRF Min.	
² Lпронπмwлa	м◊л	м a l ½км±	Ƃнƒ̂	л◊лу	млл	м◊лу
² Lпронπнwнa	н◊н	м a l ½км±	Ƃнƒ̂	л◊мм	сл	л◊фл
² Lпронπowoa	о◊о	м a l ½км±	Ƃнƒ̂	л◊мо	пт	л◊ул
² Lпронπcwya	с◊у	м a l ½км±	Ƃнƒ̂	л◊нл	ол	л◊тн
² LпронπмллY	мл	м a l ½км±	Ƃмƒ̂	л◊нп	но	л◊ср
² LпронπмрлY	мр	м a l ½км±	Ƃмƒ̂	л◊он	нл	л◊рт
² LпронπннлY	нн	м a l ½км±	Ƃмƒ̂	л◊сл	мр	л◊пн
² LпронπоолY	оо	м a l ½км±	Ƃмƒ̂	м◊лл	мн	л◊ом
² LпронππтлY	пт	м a l ½км±	Ƃмƒ̂	м◊мл	мл	л◊ну
² LпронπсулY	су	м a l ½км±	Ƃмƒ̂	м◊тл	у◊п	л◊нн
² LпронπмлмY	млл	м a l ½км±	Ƃмƒ̂	н◊нл	с◊у	л◊мф
² LпронπмрмY	мрл	м a l ½км±	Ƃмƒ̂	о◊рл	р◊р	л◊мо
² LпронπоомY	оол	м a l ½км±	Ƃмƒ̂	с◊ул	о◊с	л◊мл
² LпронππтмY	птл	мY l ½км±	Ƃмƒ̂	мм◊у	о◊л	л◊лу
² LпронπсумY	сул	мY l ½км±	Ƃмƒ̂	мп◊т	н◊н	л◊лт
² LпронπмлнY	мллл	мY l ½км±	Ƃмƒ̂	нт◊ф	н◊л	л◊лр

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165°-180°



Reel Dimension：[mm]

Packaging Quantity:

500 Pcs/Reel	5 Reel /Inner box(2.5K Pcs)	8 Inner box/Carton box(20K Pcs)

Cautions and Warnings:

Storage Conditions：

- The storage period is within 12 months after the completion of production. Be sure to follow the storage conditions (temperature: -5 to 35°C, humidity: 75% RH Max).If the storage period elapses, the soldering of the terminal electrodes may deteriorate.The warranty period is one year.
- Product should not be exposed to environment with high temperature, high humidity, dust, corrosive gas and etc.
- Products should be handled with care to avoid damage or contamination from perspiration and skin oils.
- Please always handle products carefully to prevent any damage caused by dropping down or inappropriate removing.

Operation Instructions:

- Self heating (temperature increase) occurs when the power is turned ON, so the tolerance should be sufficient for the set thermal design.
- Before soldering, be sure to preheat components.The preheating temperature should be set so that the temperature difference between the solder temperature and chip temperature does not exceed 150°C.
- Soldering corrections after mounting should be within the range of the conditions determined in the specifications.If overheated, a short circuit, performance deterioration, or lifespan shortening may occur.
- Generally, Koher might not be familiar with either customer's specific application or actual requests as customer does.As a result customer shall be responsible for checking and confirming whether Koher product with the performance described in the product specification is suitable for using in customer's particular application or not.