

A B S T R A C TMETAL INSERT AND A SURFACE ROUGHENING
TREATMENT METHOD FOR IT

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A metal insert for at least partially embedding in a molded resin mass comprises a metal insert blank, with a substantial amount of nickel or nickel alloy granulations produced over a surface of it, the size of the granulations being at most 1.0 μm . the metal insert blank is treated by a first electrolytic plating process such that a substantial quantity of copper nuclei are spread over the surface, and the copper nuclei are then grown up as the nickel or nickel alloy granulations by a second electrolytic plating process. The first electrolytic plating process is controlled such that the average thickness of the plating is from about 0.5 to about 1.0 μm , and the second electrolytic plating process is controlled such that the average thickness of the plating is from about 0.5 to about 1.5 μm .

[No figure]