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# D-Link *D-Link* CORPORATION

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24 April 2003 Hsinchu

Telecommunications Certification Body  
561 F Monterey Road  
Morgan Hill CA 95037-9001  
U.S.A.

Attn.: Application Examiner/Review Engineer

Ref.: Integral Antenna Attestation Statement per requirement stated in Section 15.407(d)  
of FCC rules

Dear Sirs,

Hereby we D-Link confirm to utilize Epoxy (Loctite P/N 401) on the external antenna connectors for facilitating the external antenna to be connected permanently to the PCI card.

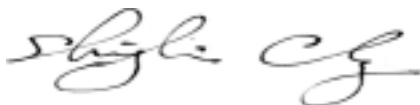
This Epoxy is intended to be used at our manufacturing factory.

In terms of the internal antenna we employ Radiall UMP One Time Mate (OTM) antenna connectors. Due to her unique design OTM is unremovable and is permanently fixed to the PCI card. Thus, we meet the requirement stated in 15.407(d) of FCC rules.

Attached with this letter are:

- 1) Photo to show the usage of Epoxy at our manufacturing facility
- 2) Radiall UMP One Time Mate briefing
- 3) Radiall UMP One Time Mate connector specification

Thank you for your kind attention.



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D-Link Authorized Representative  
Shinglin Chung  
Project Manage

# **D-Link** *D-Link* CORPORATION

The photo to show the usage of Epoxy at our manufacturing facility



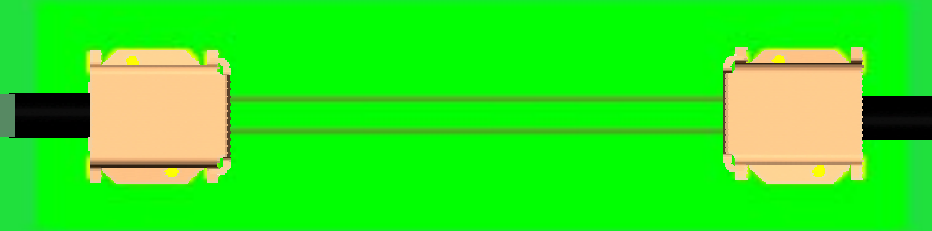
# Radial UMP One Time Mate



Design to conform  
FCC rules 15.407D

# Radiall UMP OTM (\*)

- 1- receptacle pick-and-place
- 2- protection cover pick-and-place
- 3- oven reflow-soldering
- 4- antenna connection



**RADIALL**

UMP SERIES H3  
COAXIAL CONNECTOR  
FCC TYPE

the antenna is now unremovable !

Dc - 6 GHz

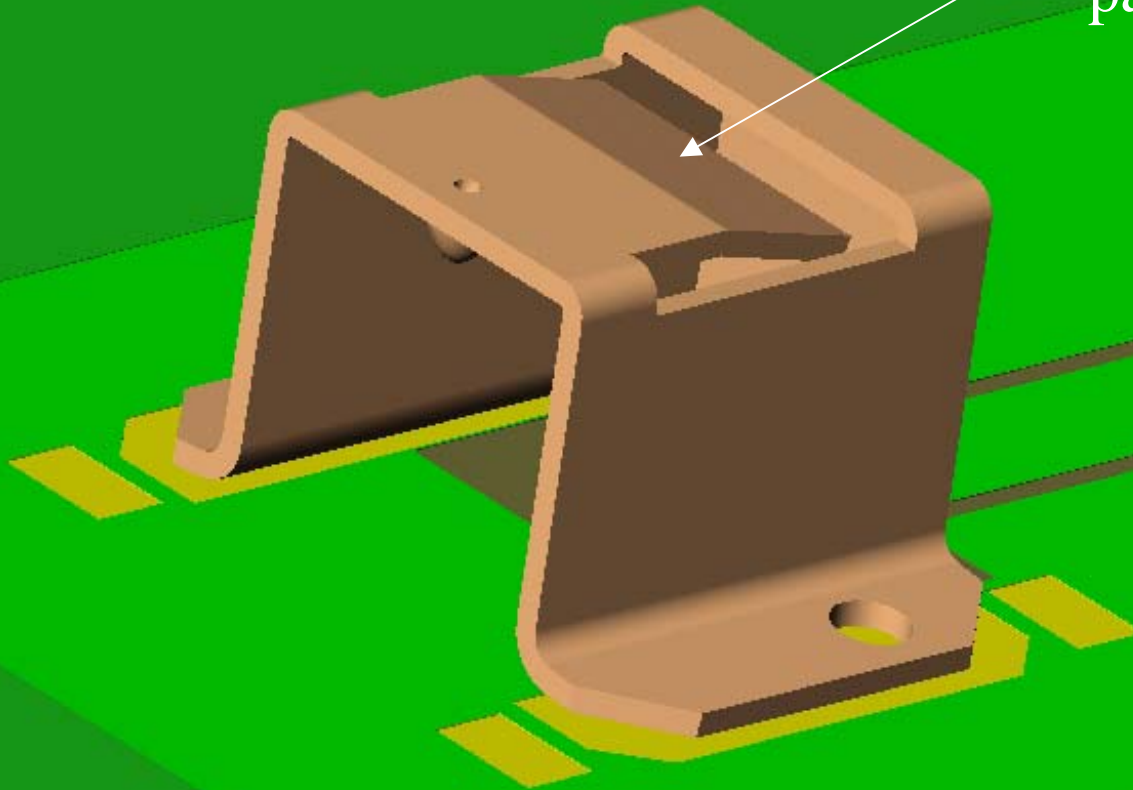
# Locking system



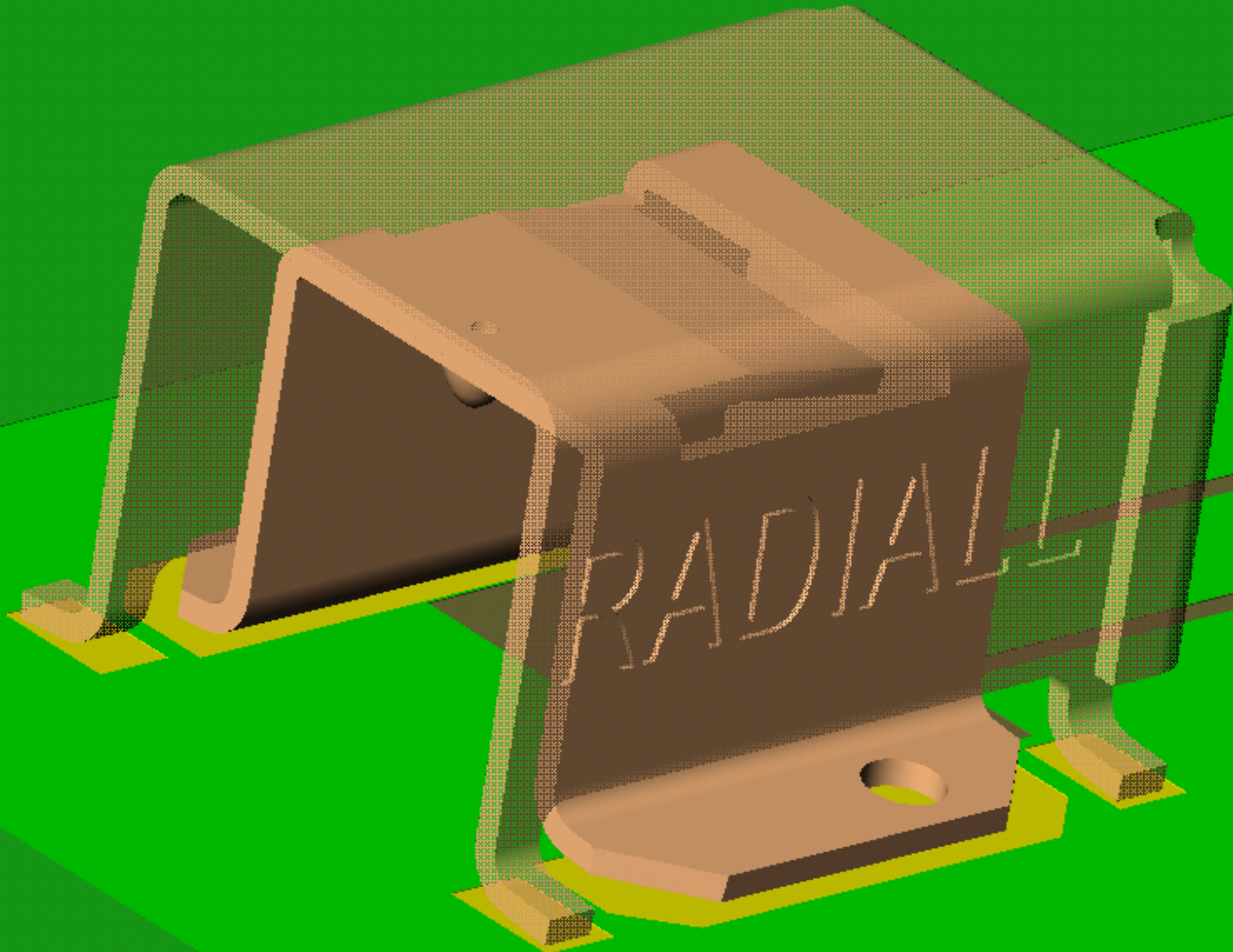
How does it work ?

# Standard UMP receptacle

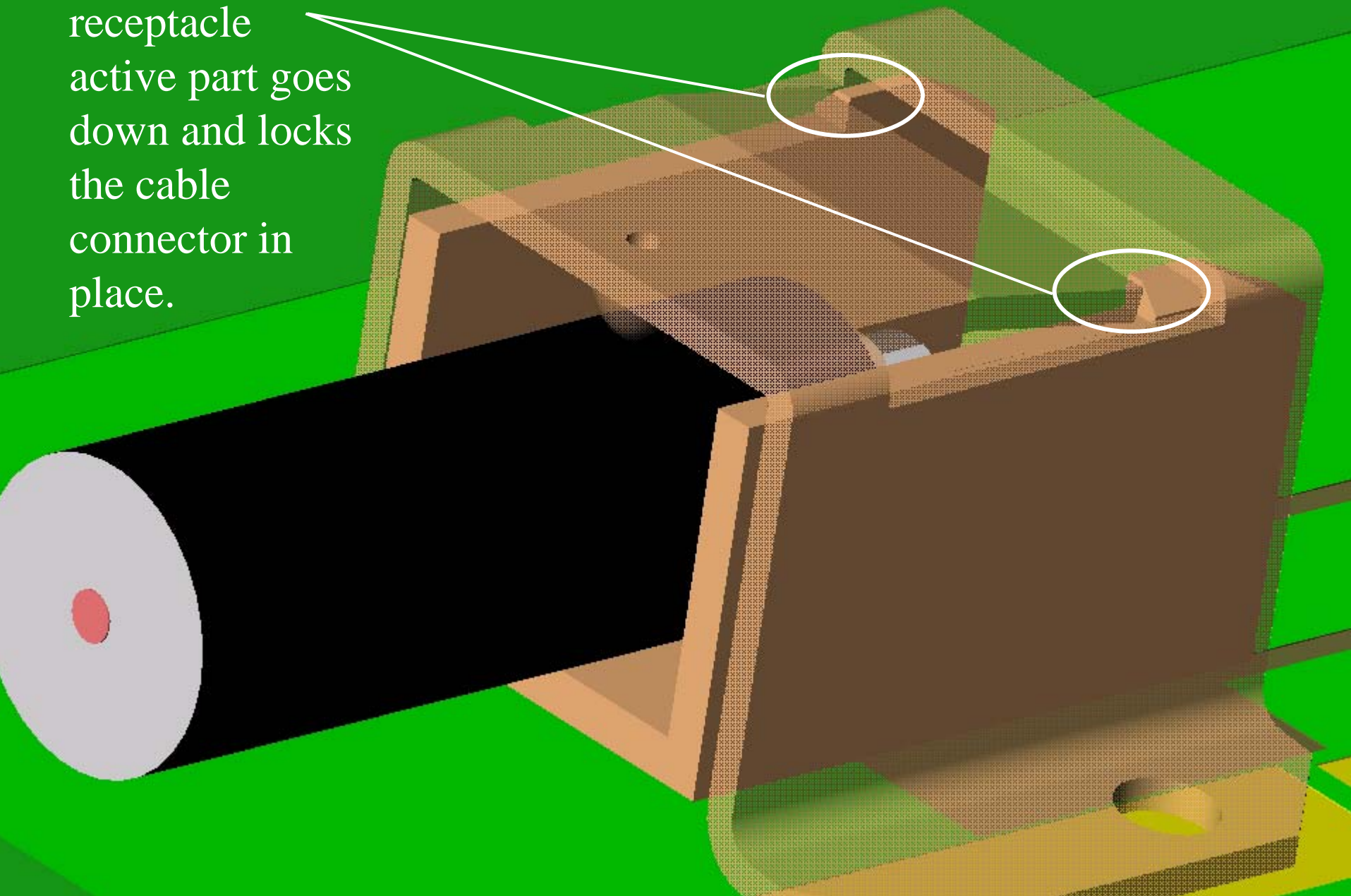
Locking active  
part



# OTM receptacle



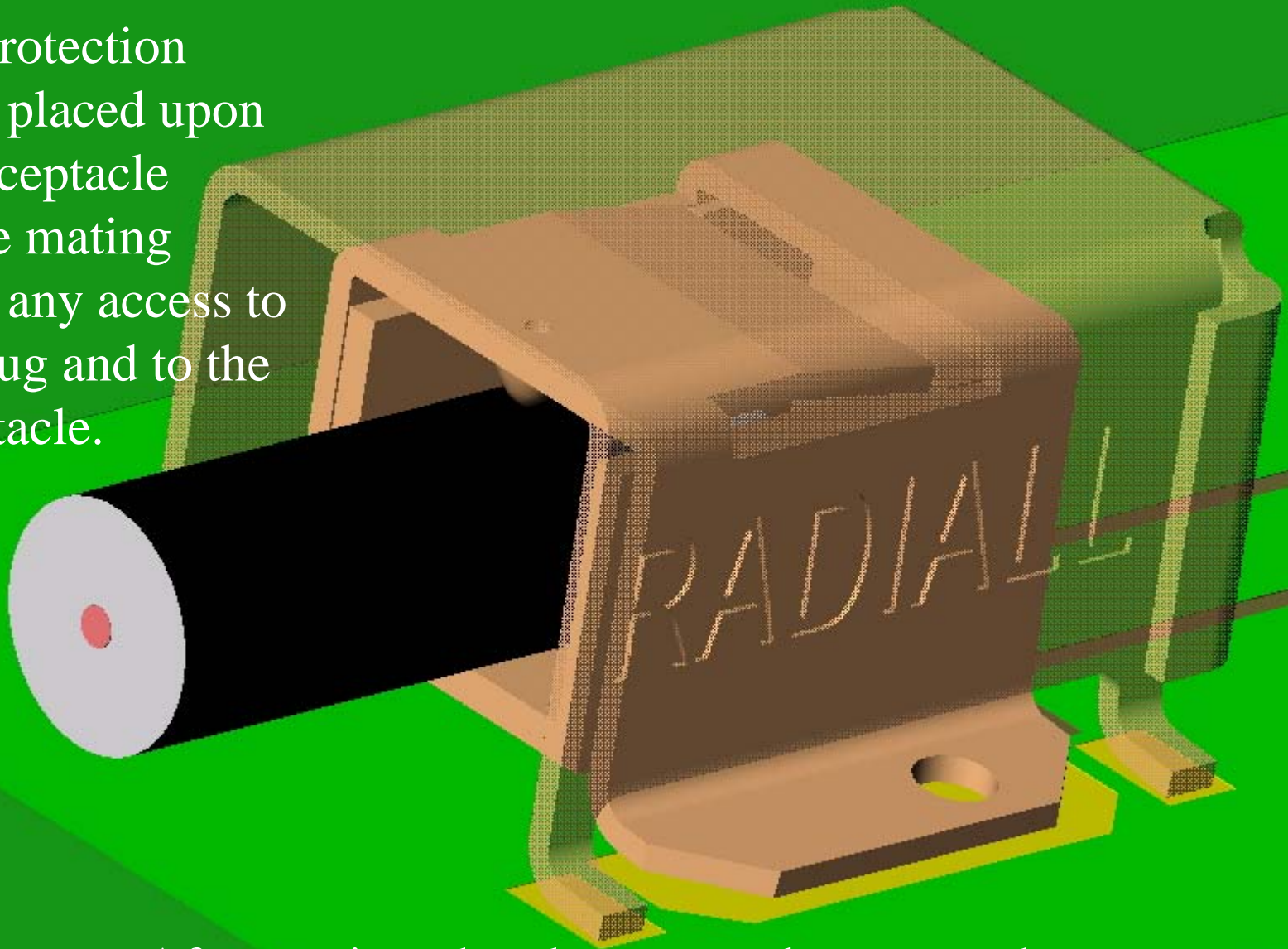
When the plug is mated, the receptacle active part goes down and locks the cable connector in place.





# OTM receptacle

The protection cover placed upon the receptacle before mating avoid any access to the plug and to the receptacle.



After mating, the plug cannot be removed.

Antennas are definitively connected.

# Radiall Inc.

- A Radiall SA company based at Stratford (Connecticut)
- We develop RF Connectors, Antennas, Microwave devices & Fiber optic connectors.
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