

EXHIBIT G



T: 858-674-8100
F: 858-674-8262

12220 World Trade Dr.
San Diego, CA 92128

pulseelectronics.com

February 3, 2017

Mr. Gary Chen
Chairman & CEO
UDE Corporation
8F-1, No. 58, Tongde 11th St., Taoyuan Dist.
Taoyuan City 33071
Taiwan

Re: Pulse ICM and Related Intellectual Property

Dear Mr. Chen:

Thank you for your letter dated October 27, 2016 in response to my previous October 14, 2016 correspondence. Based thereon, our team has conducted additional investigation into UDE's Integrated Connector Module (ICM) product line being sold, offered for sale, or otherwise introduced into the United States, including particularly your 1G and 10G multi-port ICM products.

Listed below are some of Pulse's U.S. Patents identified as being relevant to one or more of the above named UDE products. We have also provided exemplary claim charts herewith to illustrate the applicability of selected ones of these patents to the respective UDE products.

Technology	U.S. Patent No.	Title	Claim chart
ICM	6,773,302	Advanced microelectronic connector assembly and method of manufacturing	X
	7,959,473*	Universal connector assembly and method of manufacturing	X
	9,178,318	Shielded integrated connector modules and assemblies and methods of manufacturing the same	X
Molded insert base	6,593,840**	Electronic packaging device with insertable leads and method of manufacturing	X

* See also U.S. Patent Nos. 7,786,009; 8,206,183; 8,480,440; and 8,882,546

** See also U.S. Patent No. 6,912,781

At Paragraph 1) of your letter, you state:

"All patents UDE obtained/pending can be easily found thru {sic} Patent & Trademark office at each country we applied, that supports UDE doesn't infringe one or more claims of the following Pulse US patents..."



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We note that, under U.S. law:

- (i) the filing or existence of a patent application (or patent stemming therefrom) provides no right for UDE to make, use, sell, or have made its products within the U.S.; at best, it merely provides UDE with the ability to exclude *others* from such activity, for products infringing the issued claims; and
- (ii) only one valid claim of a patent need be infringed for liability to exist; hence, your claim that “UDE doesn’t infringe one or more claims” is not exculpatory of UDE’s behavior.

Also, per Paragraph 2) of your letter, we note that:

- (i) the alleged prior art you cite in your letter is at best cumulative to that already cited in the relevant file histories (see e.g., U.S. Patent No. 6,761,595 to Zheng, et al, and U.S. Publication No. 20030022553 to Chen et al cited in several of the patents listed above), and hence there is already a presumption of validity of many of the Pulse claims over these references; and
- (ii) several new patents have been added to the list (above), which are also highly distinguishable over the foregoing references (see e.g., 6,773,302, as it relates to UDE’s 1G products).

We look forward to your prompt response in regards to this matter, including specific actions UDE plans on taking in order to address the violations of Pulse’s intellectual property above.

If you have any questions or wish to discuss this matter directly, please do not hesitate to contact me.

Sincerely,

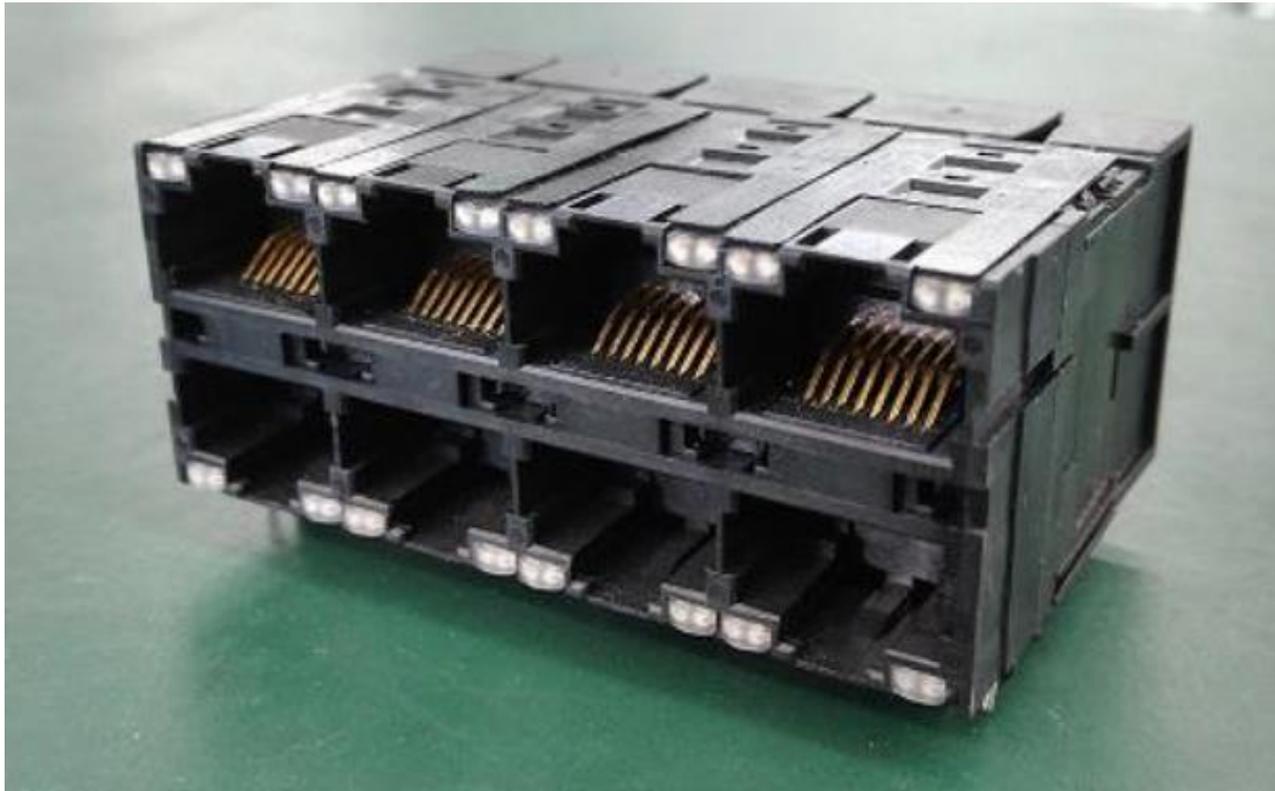
A handwritten signature in black ink that reads 'W Malherbe' followed by the date '2/3/17' written to the right of the signature.

William Malherbe
GM Network Access BU
Pulse Electronics
San Diego CA USA
Mobile US 951 440 1350
wmalherbe@pulseelectronics.com

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December 8, 2016

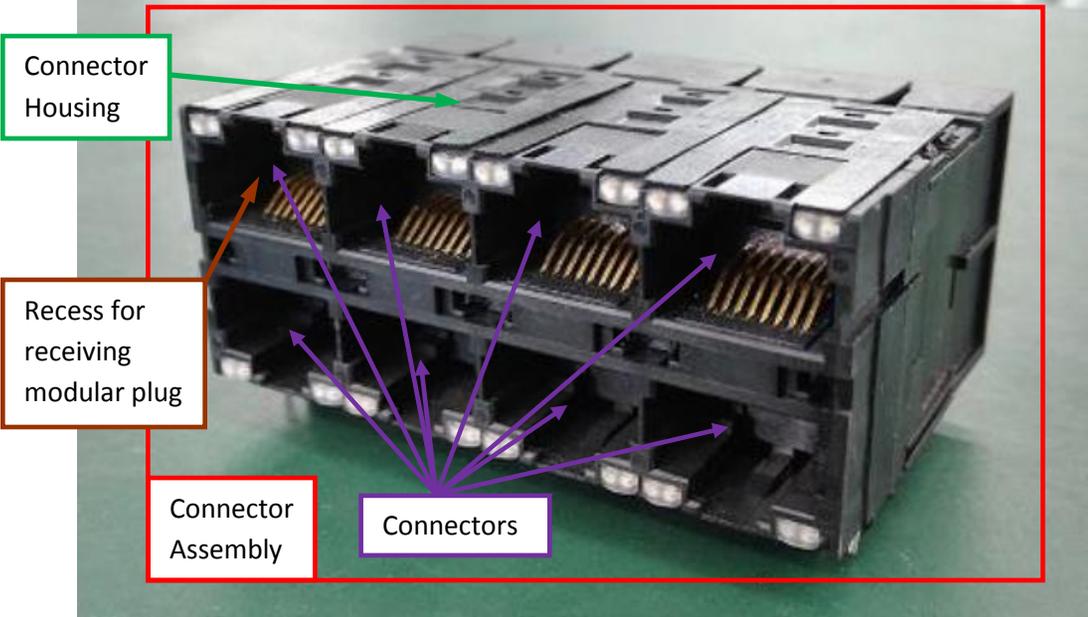
U.S. Patent No. 6,773,302 (Claim 1) vs. Exemplary UDE 2x4 1G ICM



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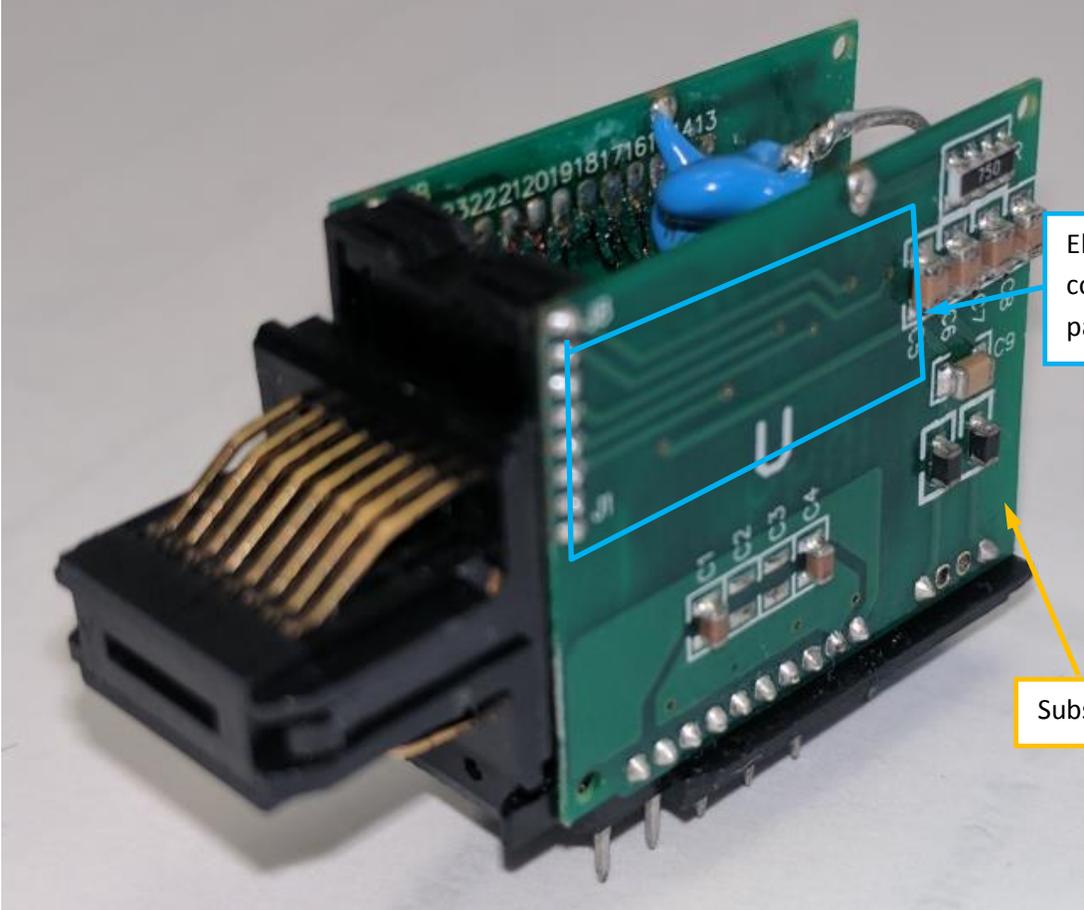
U.S. Patent No. 6,773,302 (Claim 1) vs. Exemplary UDE 2x4 1G ICM

Claim Language	UDE 2X4 1G ICM
<p>1. A connector assembly comprising:</p> <p>a connector housing comprising a connector having:</p> <p>a recess adapted to receive at least a portion of a modular plug, said modular plug having a plurality of terminals disposed thereon;</p>	 <p>The photograph shows a black plastic connector assembly with four ports. A red rectangular box highlights the entire assembly. A green box labeled 'Connector Housing' has an arrow pointing to the top surface. An orange box labeled 'Recess for receiving modular plug' has an arrow pointing to the front-facing opening of one port. A white box labeled 'Connectors' has multiple purple arrows pointing to the internal gold-colored contacts within the ports. A red box labeled 'Connector Assembly' has an arrow pointing to the bottom edge of the assembly.</p>

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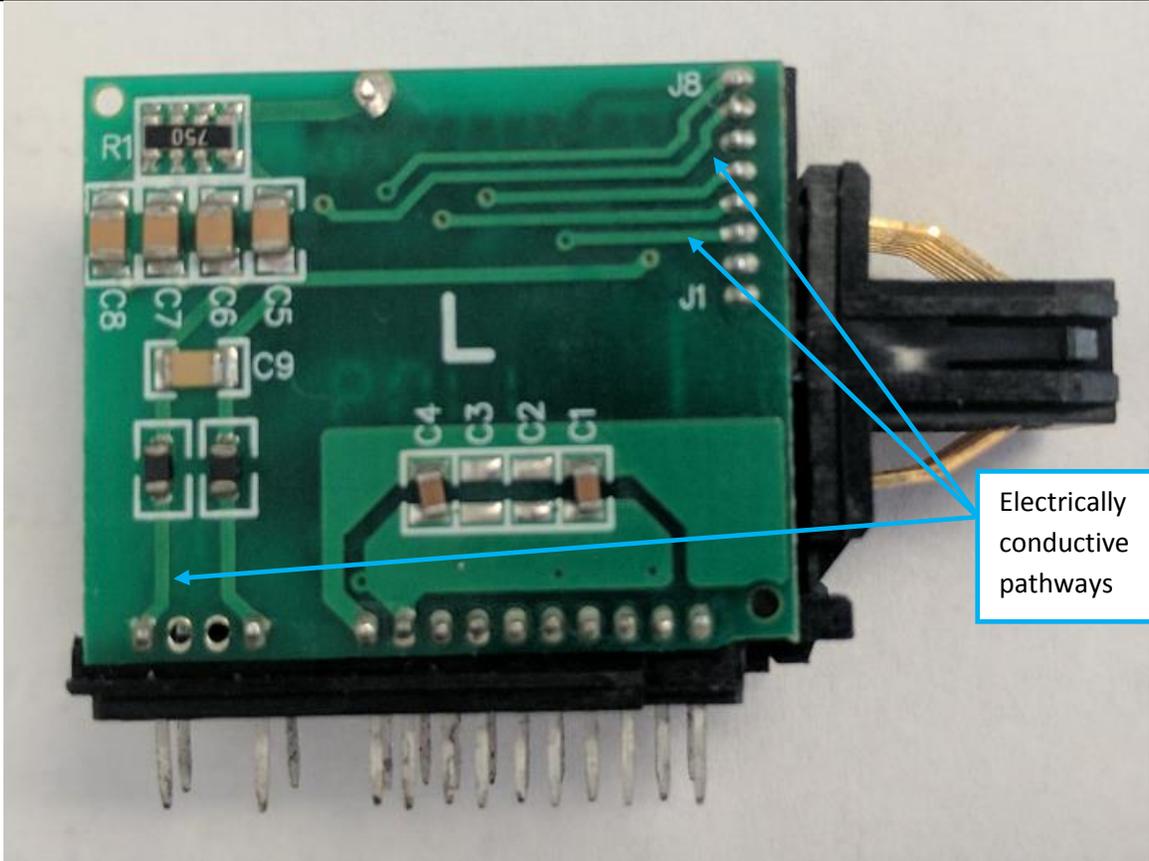
U.S. Patent No. 6,773,302 (Claim 1) vs. Exemplary UDE 2x4 1G ICM

Claim Language	UDE 2X4 1G ICM
<p>at least one substrate having at least one electrically conductive pathway associated therewith;</p>	 <p>The photograph shows a green printed circuit board (PCB) mounted on a black plastic housing. The PCB features various electronic components, including a blue capacitor, several resistors, and integrated circuits. A blue rectangular box highlights a section of the PCB with intricate circuit traces, labeled 'Electrically conductive pathways'. A yellow arrow points to the green PCB itself, labeled 'Substrate'. The PCB is connected to a black RJ45 port on the left side of the housing.</p>

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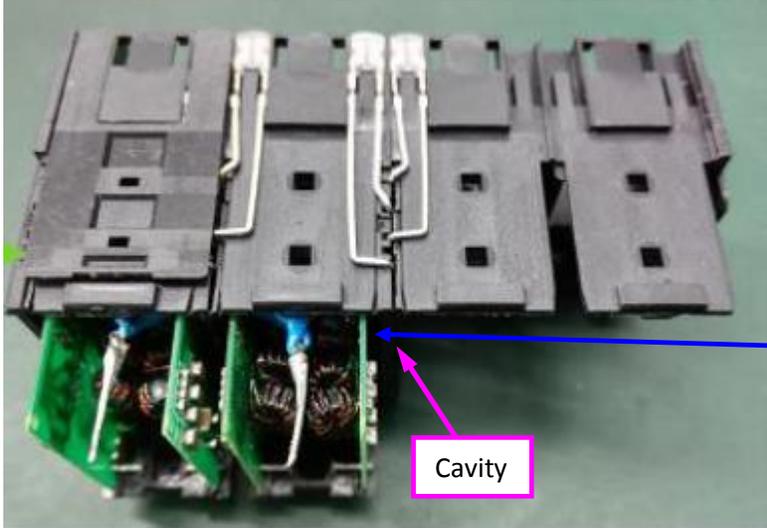
U.S. Patent No. 6,773,302 (Claim 1) vs. Exemplary UDE 2x4 1G ICM

Claim Language	UDE 2X4 1G ICM
	 <p>The photograph shows a green PCB with several components. At the top left is a resistor labeled R1 with the value 05Z. Below it are four resistors labeled C8, C7, C6, and C5. To the right of these are two more resistors labeled C9 and C8. At the bottom center are four resistors labeled C4, C3, C2, and C1. On the right side, there are two connectors labeled J1 and J8. Blue arrows point from a text box on the right to specific traces on the board, which are labeled 'Electrically conductive pathways'.</p>

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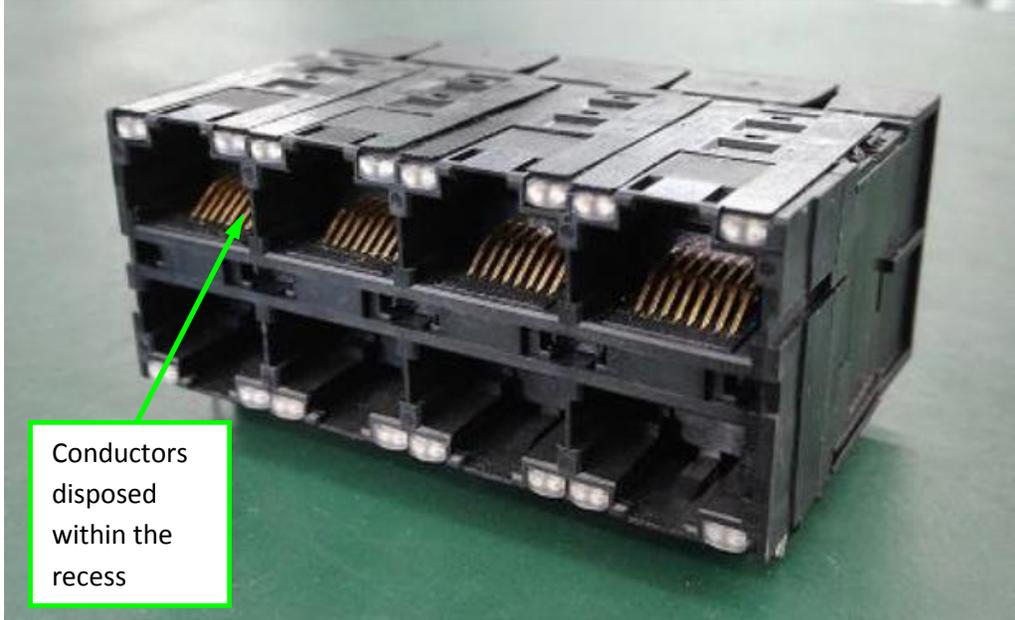
U.S. Patent No. 6,773,302 (Claim 1) vs. Exemplary UDE 2x4 1G ICM

Claim Language	UDE 2X4 1G ICM
<p>a cavity adapted to receive at least a portion of said at least one substrate;</p>	 <p>The photograph shows a grey metal housing with four vertical slots. Below the housing, green printed circuit boards (PCBs) are visible, each with a white cable. A pink arrow points to a recessed area on the bottom edge of the housing, labeled 'Cavity'. A blue arrow points to the PCBs, labeled 'Portion of substrate received within cavity'.</p>

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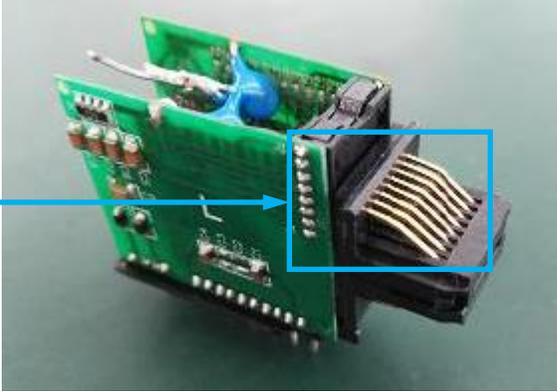
U.S. Patent No. 6,773,302 (Claim 1) vs. Exemplary UDE 2x4 1G ICM

Claim Language	UDE 2X4 1G ICM
<p>a plurality of first conductors disposed at least partly within said recess, said first conductors being configured to form an electrical contact with respective ones of said terminals when said modular plug is received within said recess, and form an electrical pathway between said first conductors and said at least one substrate; and</p>	 <p>Conductors disposed within the recess</p>

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U.S. Patent No. 6,773,302 (Claim 1) vs. Exemplary UDE 2x4 1G ICM

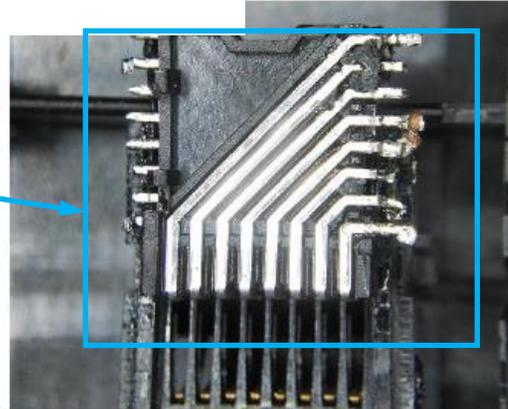
Claim Language	UDE 2X4 1G ICM
	<p data-bbox="583 407 814 769">Electrical pathways formed between conductors and substrate (FCC leads mate directly to PCB)</p> 

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U.S. Patent No. 6,773,302 (Claim 1) vs. Exemplary UDE 2x4 1G ICM

Electrical pathways formed between conductors disposed in recess and substrate



FCC frame

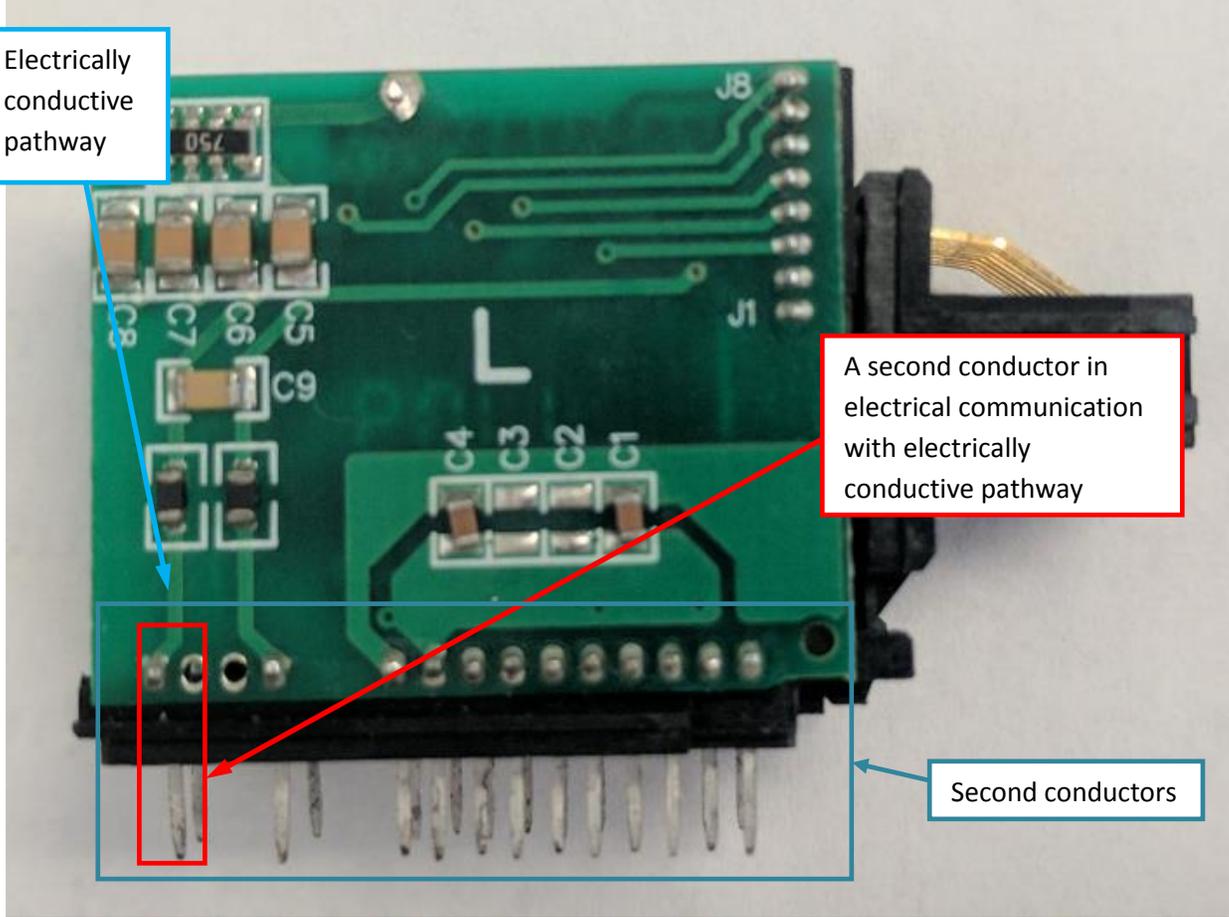


Side view

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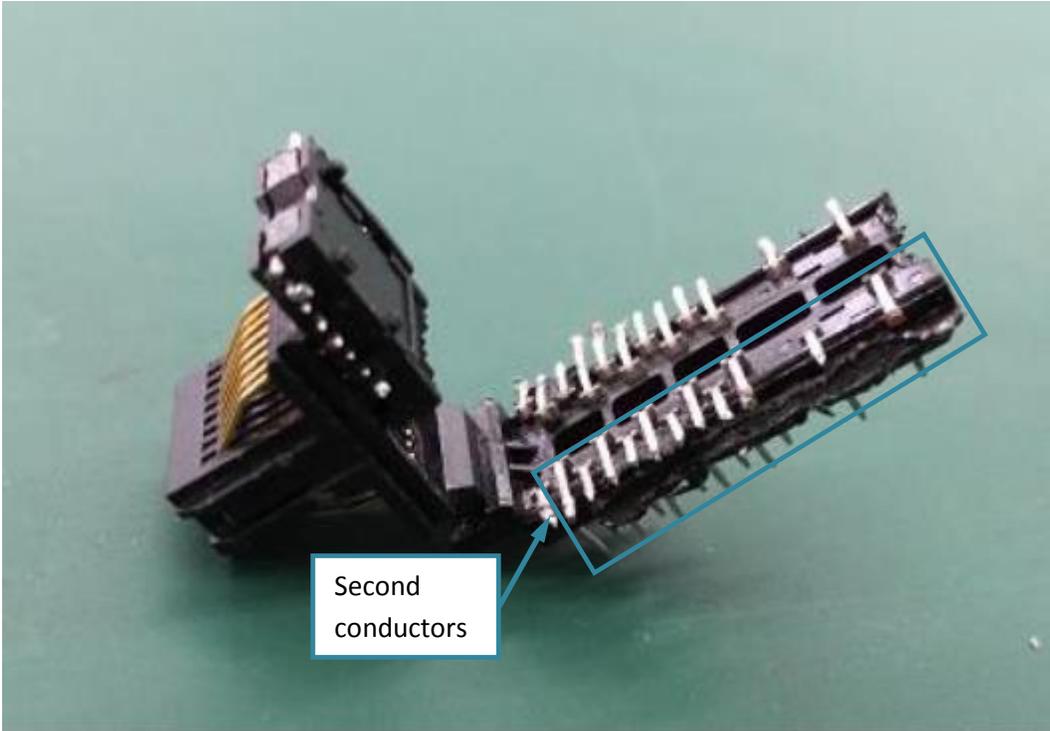
U.S. Patent No. 6,773,302 (Claim 1) vs. Exemplary UDE 2x4 1G ICM

Claim Language	UDE 2X4 1G ICM
<p>a plurality of second conductors, at least one of said second conductors being in electrical communication with said at least one electrically conductive pathway of said at least one substrate;</p>	 <p>Electrically conductive pathway</p> <p>A second conductor in electrical communication with electrically conductive pathway</p> <p>Second conductors</p>

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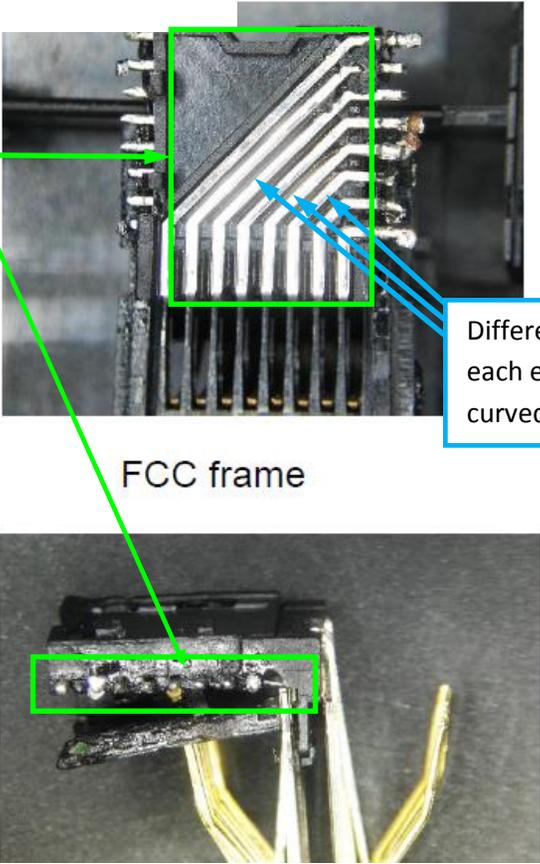
U.S. Patent No. 6,773,302 (Claim 1) vs. Exemplary UDE 2x4 1G ICM

Claim Language	UDE 2X4 1G ICM
	 <p>The photograph shows a complex electronic component, likely a connector or interface module, mounted on a green printed circuit board (PCB). The component features a central black plastic housing with a gold-colored metal contact strip on the left side. On the right side, there are two rows of white plastic pins. A blue rectangular callout box with a white border and an arrow points to the second row of pins, with the text "Second conductors" written inside the box.</p>

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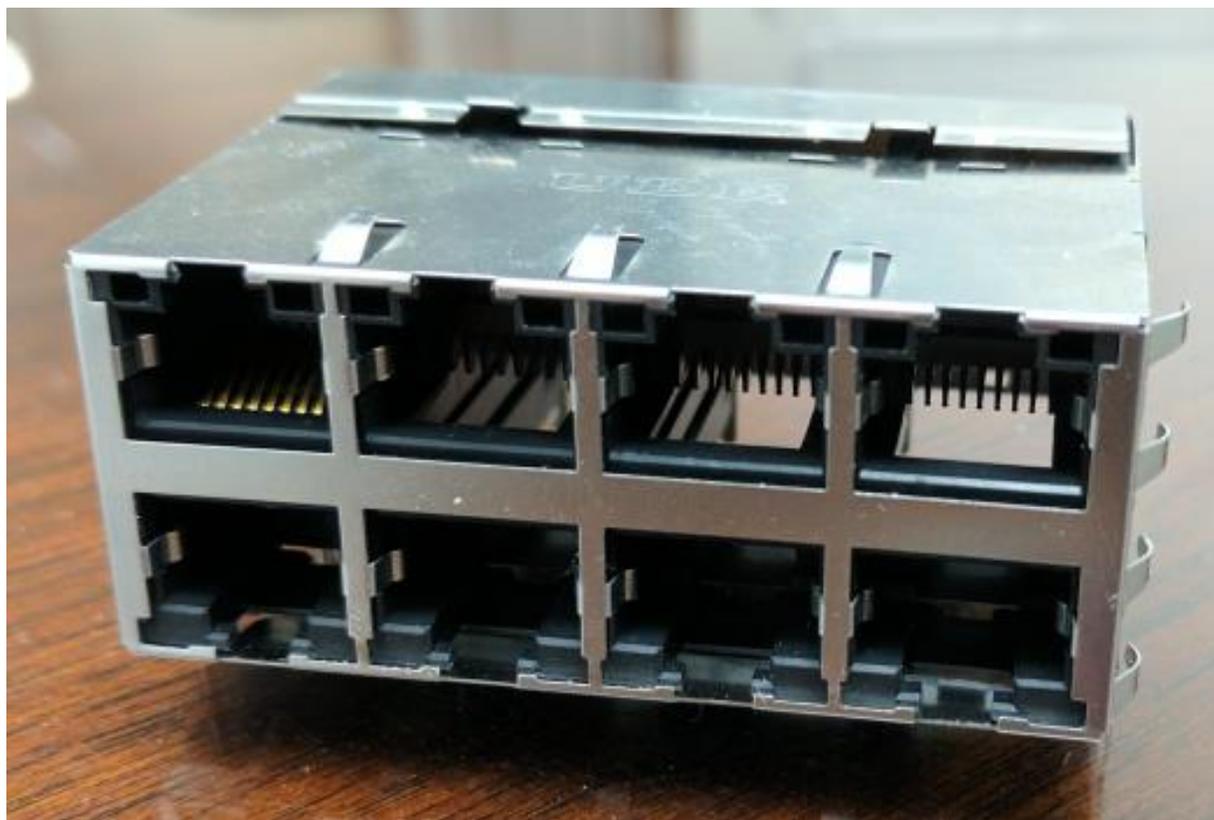
U.S. Patent No. 6,773,302 (Claim 1) vs. Exemplary UDE 2x4 1G ICM

Claim Language	UDE 2X4 1G ICM
<p>wherein at least a portion of said first conductors are substantially coplanar and each include an effectively curved portion, the effective radius of each said effectively curved portion being different for each of said first conductors.</p>	 <p>A portion of first conductors are coplanar</p> <p>Different radii for each effectively curved portion</p> <p>FCC frame</p>

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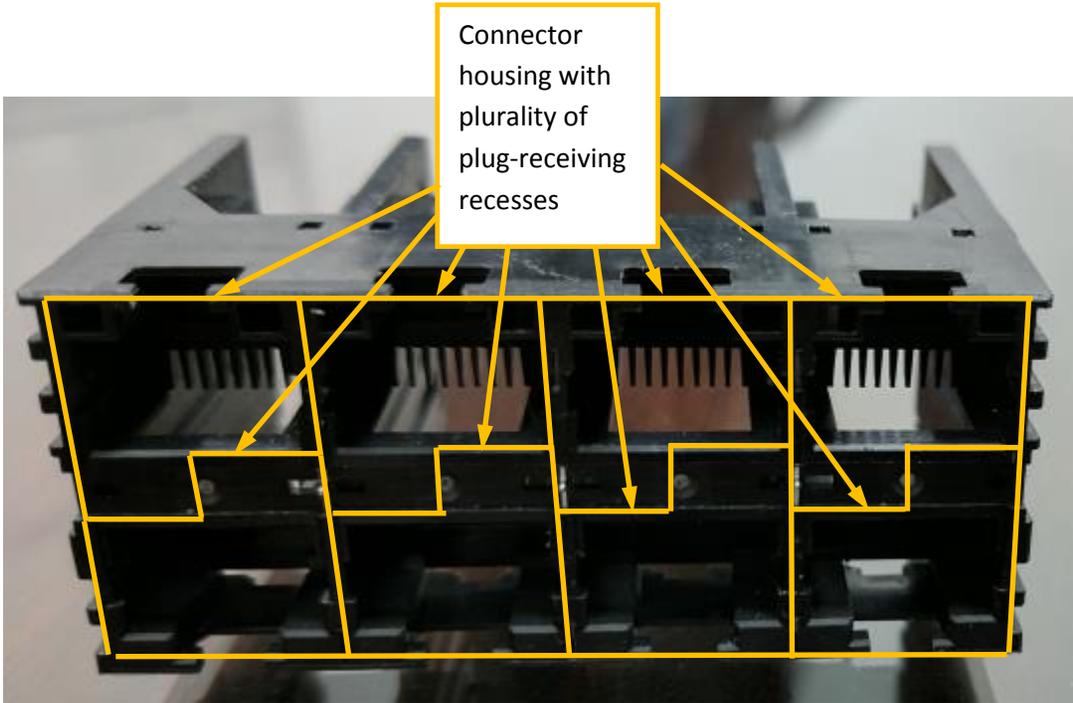
U.S. Patent No. 7,959,473 (Claim 1) vs. Exemplary UDE 2x4 10G ICM



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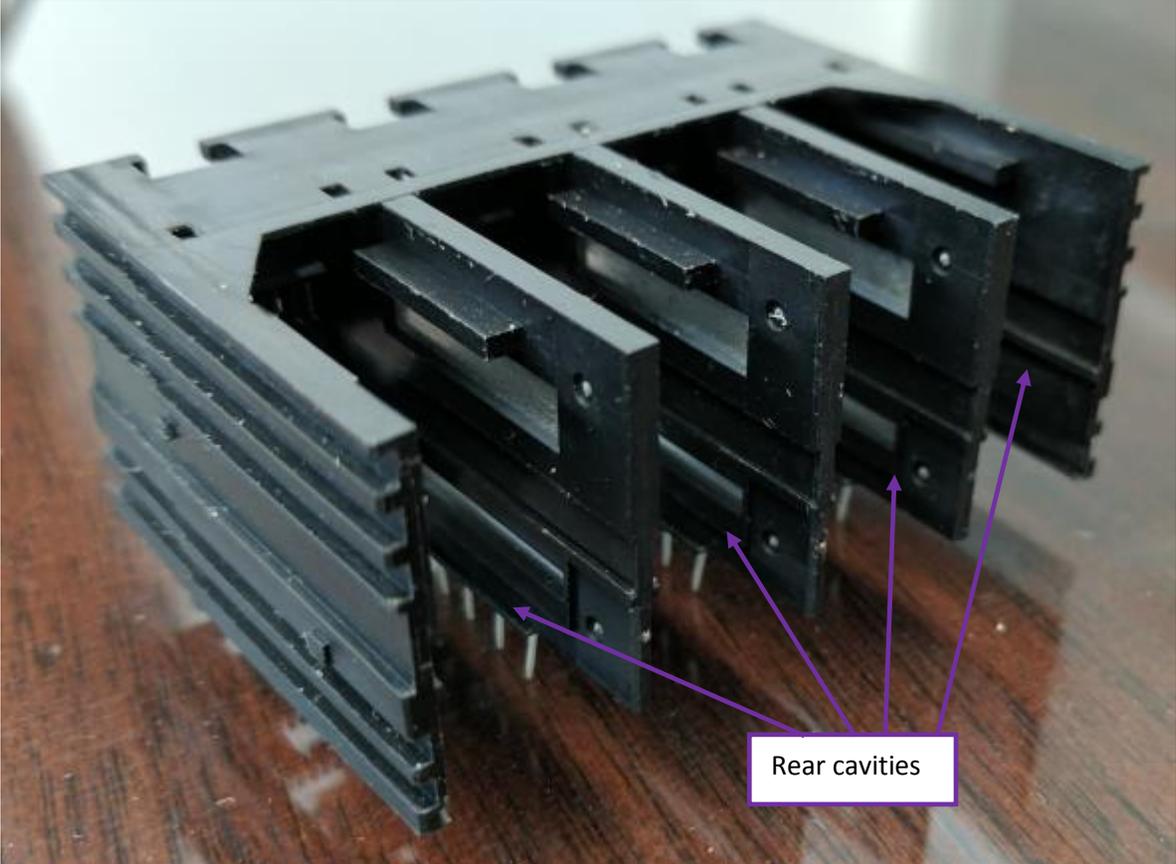
U.S. Patent No. 7,959,473 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G Product
<p>1. A connector assembly comprising:</p> <p>a connector housing comprising a plurality of plug-receiving recesses...</p>	 <p>Connector housing with plurality of plug-receiving recesses</p> <p>The image shows a black plastic connector housing with four RJ45 ports. A yellow box highlights the entire housing, and a white callout box with yellow arrows points to the top surface of the housing, specifically the recessed areas above each port. The text in the callout box reads 'Connector housing with plurality of plug-receiving recesses'.</p>

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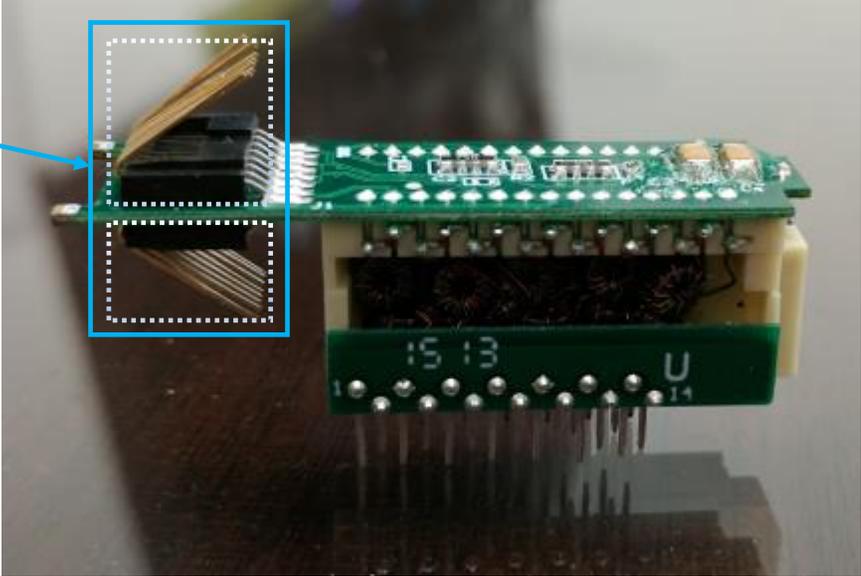
U.S. Patent No. 7,959,473 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G Product
<p>and at least one rear cavity;</p>	 <p>A photograph of a black, multi-layered printed circuit board (PCB) assembly, identified as a UDE 10G Product. The assembly is shown from a perspective view, revealing its complex, multi-layered structure. Several layers are visible, with various components and traces. At the bottom of the assembly, a row of pins is visible. Four purple arrows originate from a white box labeled "Rear cavities" and point to specific recessed areas on the rear side of the PCB assembly.</p>

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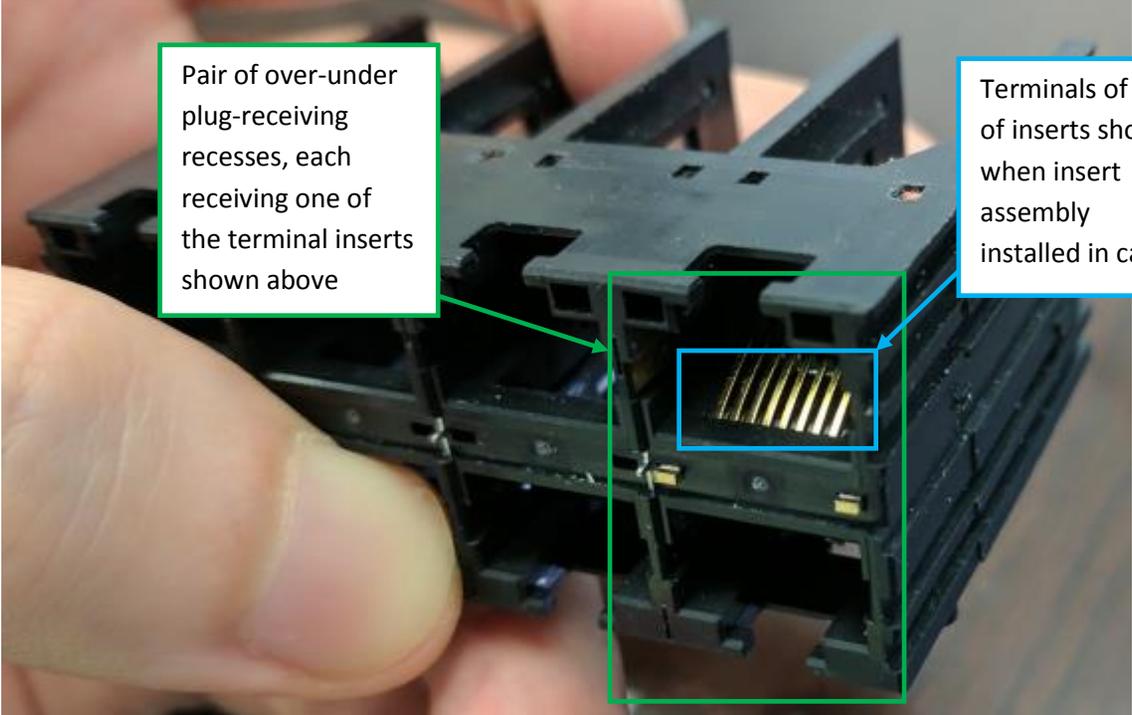
U.S. Patent No. 7,959,473 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G Product
<p>a plurality of terminal insert assemblies each comprised of a substantially mirror imaged pair of terminal inserts...</p>	<p>Terminal insert assembly (1 of 4) having substantially mirror imaged pair of terminal inserts</p>  <p>The photograph shows a green printed circuit board (PCB) with a terminal insert assembly. A callout box with a blue border and a dashed white outline highlights a specific pair of terminal inserts. A blue arrow points from the text 'Terminal insert assembly (1 of 4) having substantially mirror imaged pair of terminal inserts' to the callout box. The PCB has several components, including a chip labeled 'S13' and 'U14'.</p>

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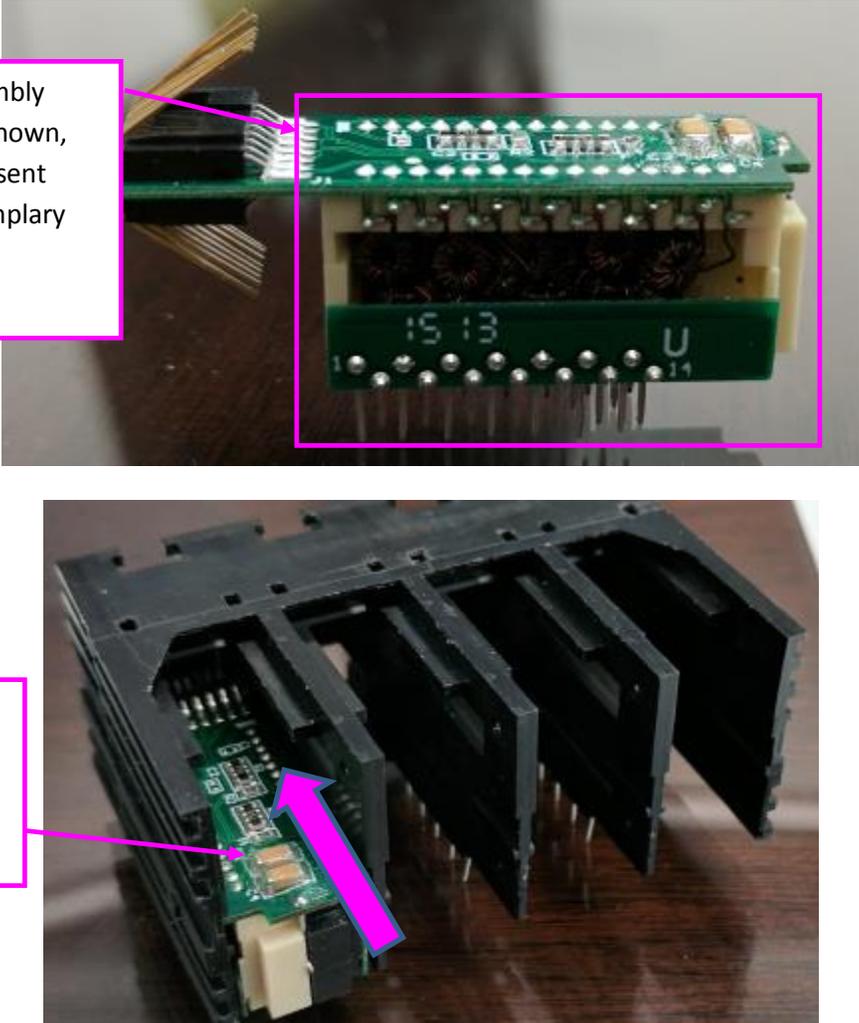
U.S. Patent No. 7,959,473 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G Product
<p>...such that a given one of the plurality of terminal insert assemblies is received at least partly within at least two of the plug-receiving recesses; and</p>	 <p>Pair of over-under plug-receiving recesses, each receiving one of the terminal inserts shown above</p> <p>Terminals of one of inserts shown when insert assembly installed in cavity</p>

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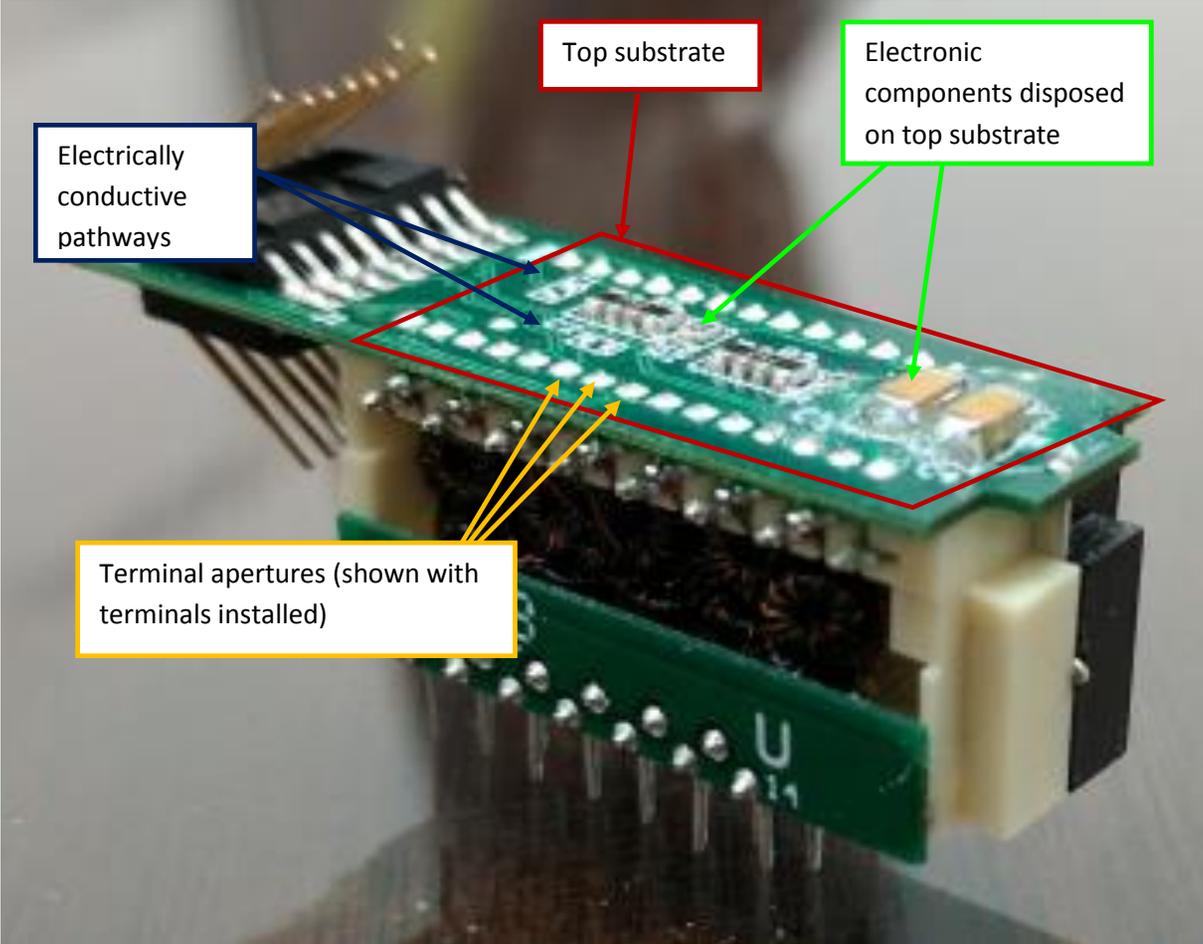
U.S. Patent No. 7,959,473 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G Product
<p>a plurality of insert assemblies, each said insert assembly comprising:</p>	 <p>Insert assembly (Only one shown, four (4) present within exemplary connector assembly)</p> <p>Insert assembly shown inserted within respective cavity</p>

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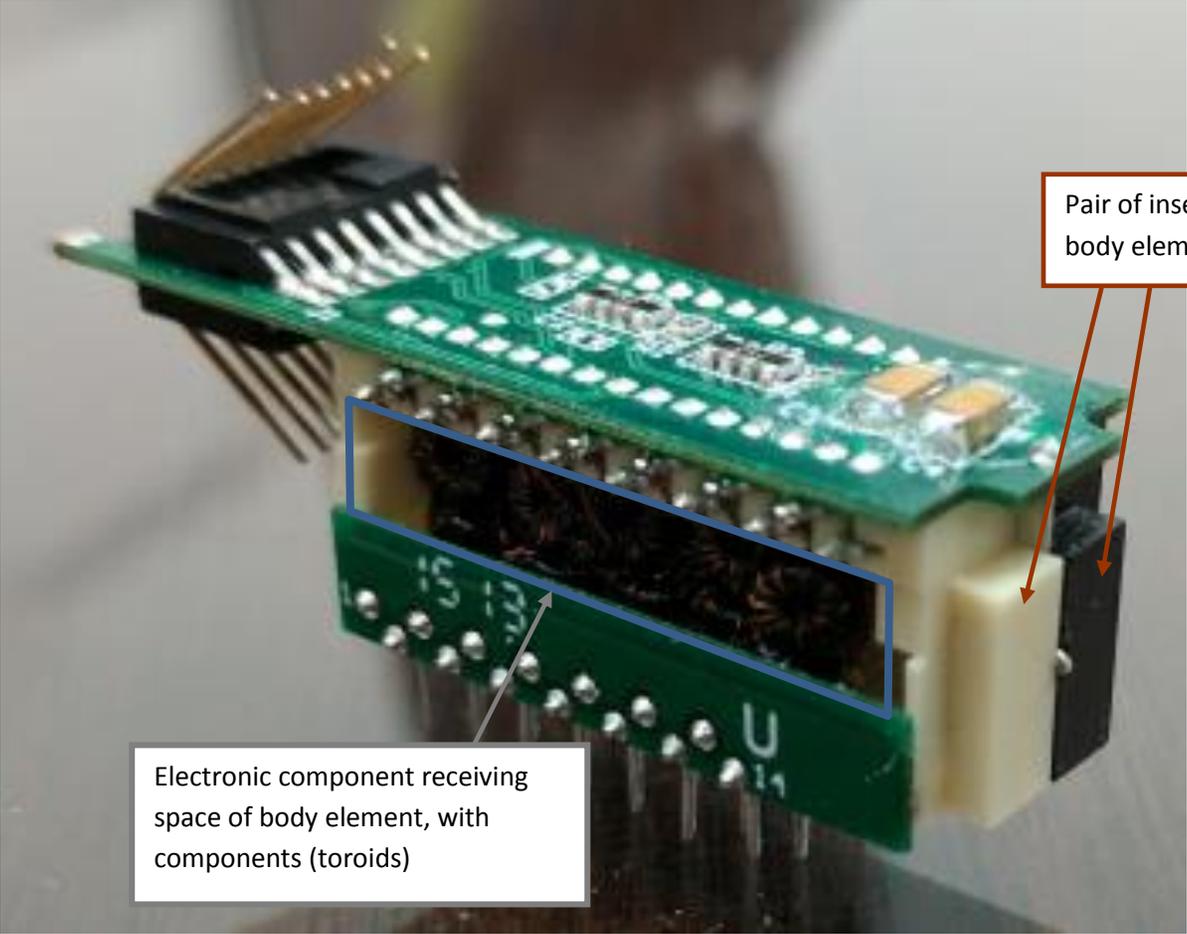
U.S. Patent No. 7,959,473 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G Product
<p>a top substrate having a plurality of electrically conductive pathways associated therewith, and at least one electronic component disposed substantially thereon, said top substrate further comprising a plurality of terminal apertures;</p>	 <p>The photograph shows a green printed circuit board (PCB) with various components. A red box highlights the top surface of the board, labeled 'Top substrate'. Blue arrows point to silver traces on the board, labeled 'Electrically conductive pathways'. Green arrows point to several small, rectangular components mounted on the board, labeled 'Electronic components disposed on top substrate'. Yellow arrows point to the bottom edge of the board where it is mounted on a connector, labeled 'Terminal apertures (shown with terminals installed)'. The board is mounted on a white plastic connector housing.</p>

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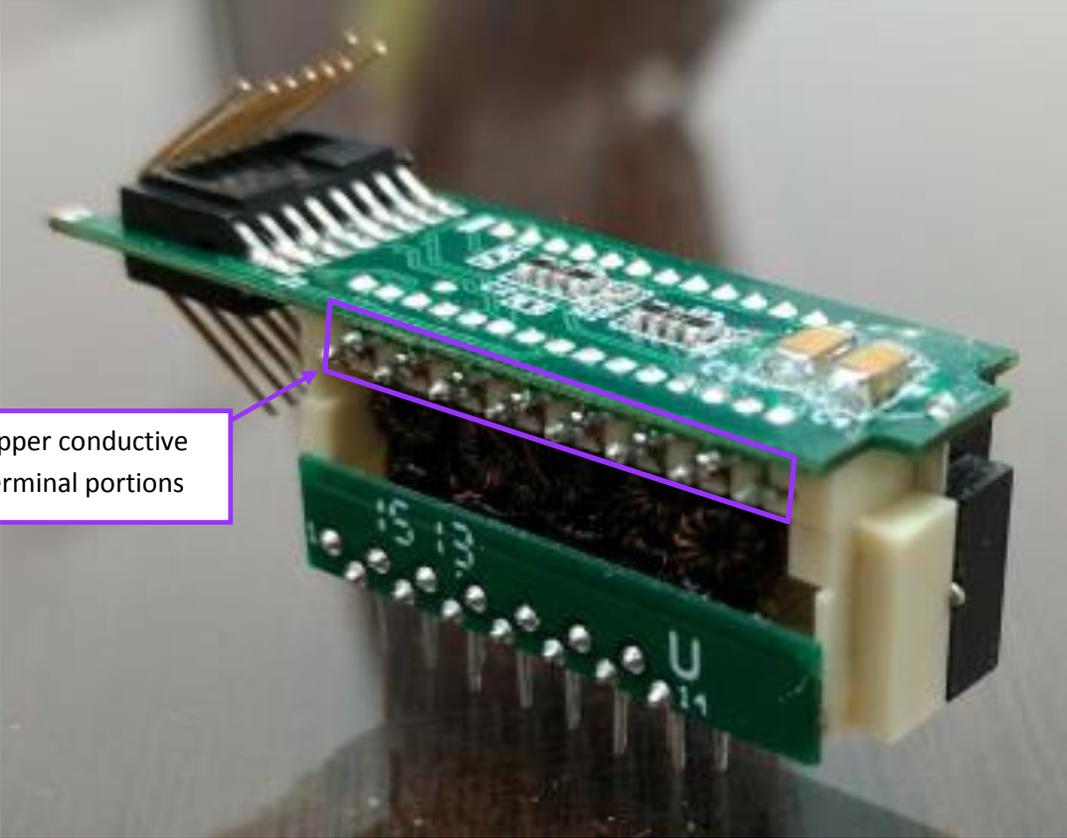
U.S. Patent No. 7,959,473 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G Product
<p>a pair of insert body elements comprised of an electronic component receiving space, each of said body elements comprising:</p>	 <p>Pair of insert body elements</p> <p>Electronic component receiving space of body element, with components (toroids)</p>

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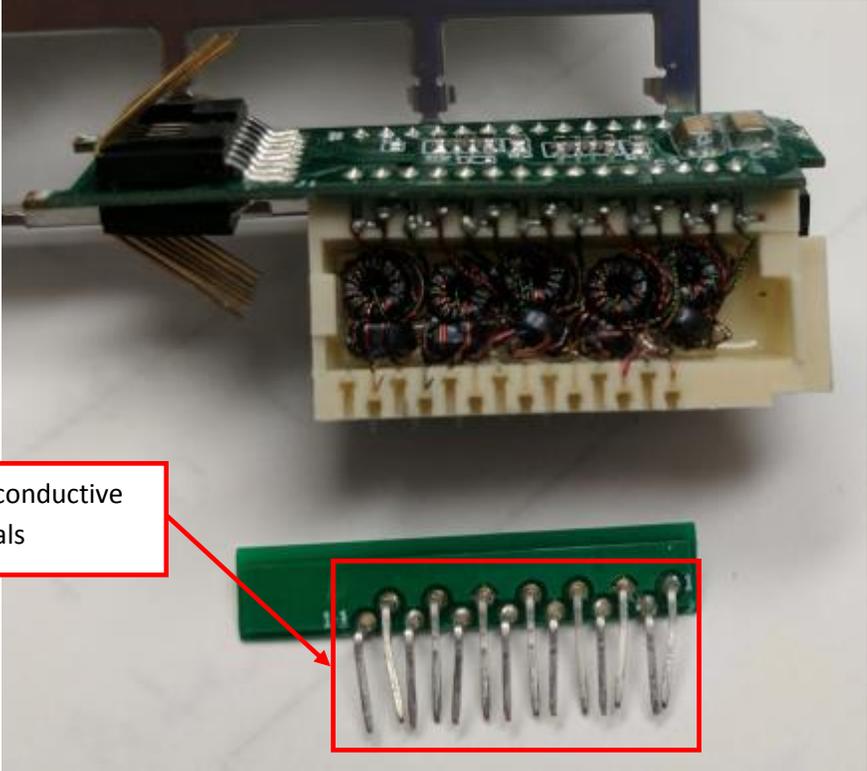
U.S. Patent No. 7,959,473 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G Product
<p>a plurality of upper conductive terminal portions;</p>	 <p>Upper conductive terminal portions</p>

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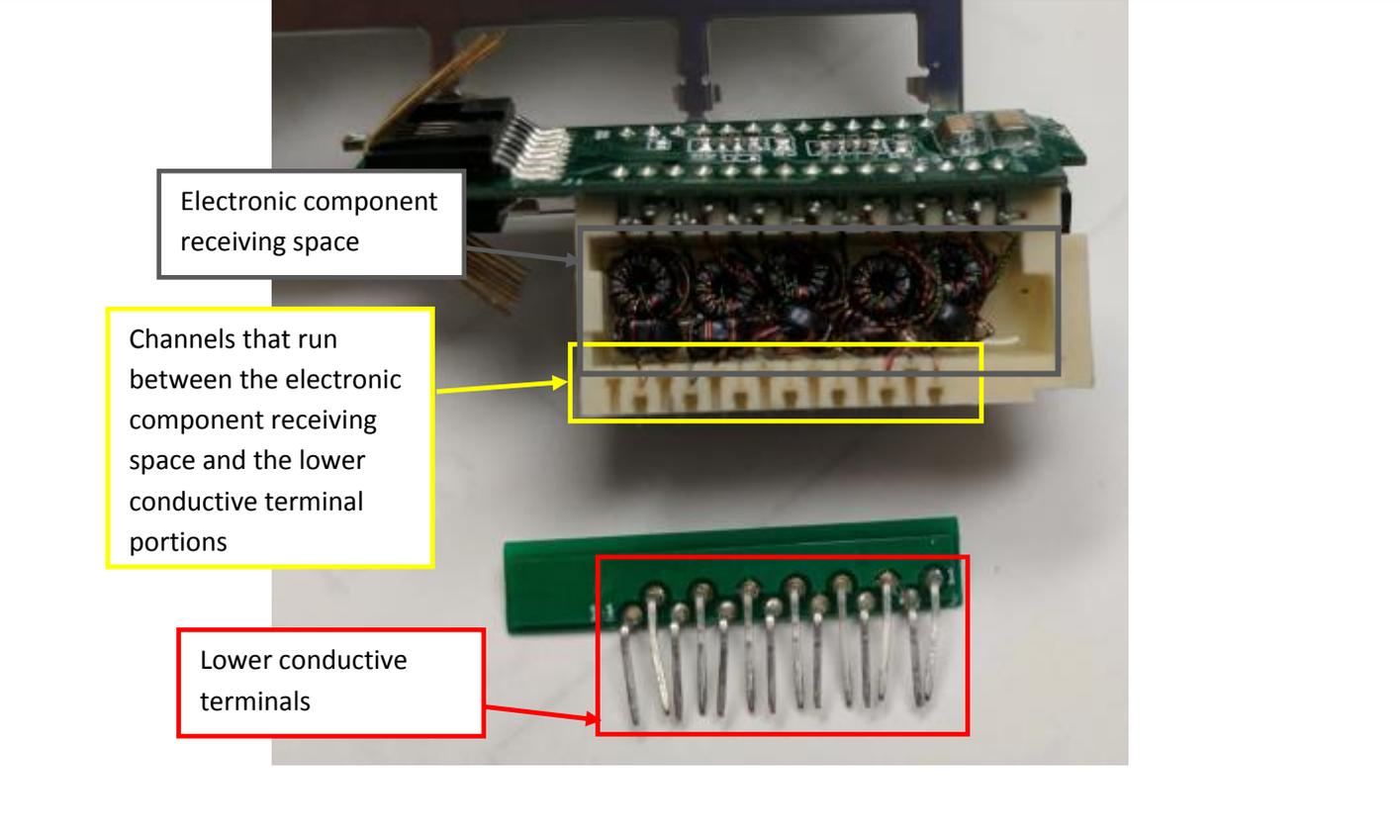
U.S. Patent No. 7,959,473 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G Product
<p>a plurality of lower conductive terminal portions; and</p>	 <p>Lower conductive terminals</p>

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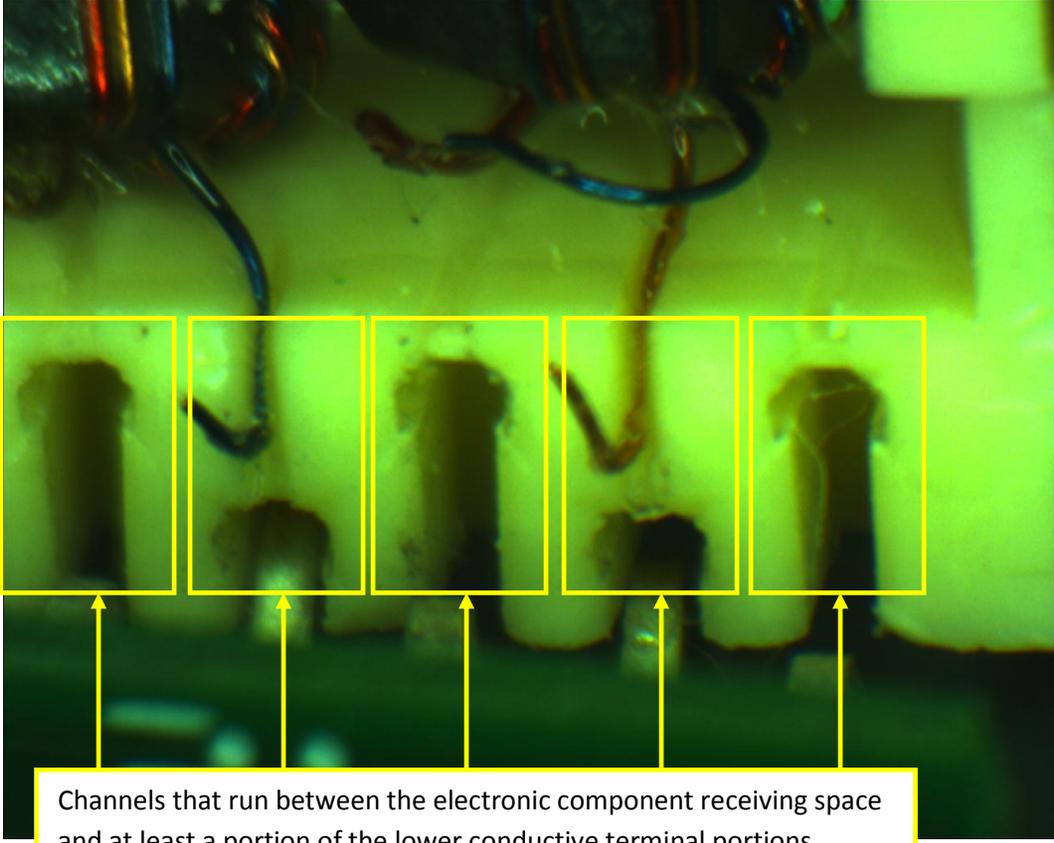
U.S. Patent No. 7,959,473 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G Product
<p>a plurality of channels that run between the electronic component receiving space and at least a portion of the lower conductive terminal portions;</p>	 <p>The photograph shows a green printed circuit board (PCB) assembly. A white callout box with a black border points to a recessed area on the board labeled "Electronic component receiving space". A yellow callout box with a black border points to a narrow gap between the board and a component below it, labeled "Channels that run between the electronic component receiving space and the lower conductive terminal portions". A red callout box with a black border points to a row of silver metal pins on a separate green PCB, labeled "Lower conductive terminals".</p>

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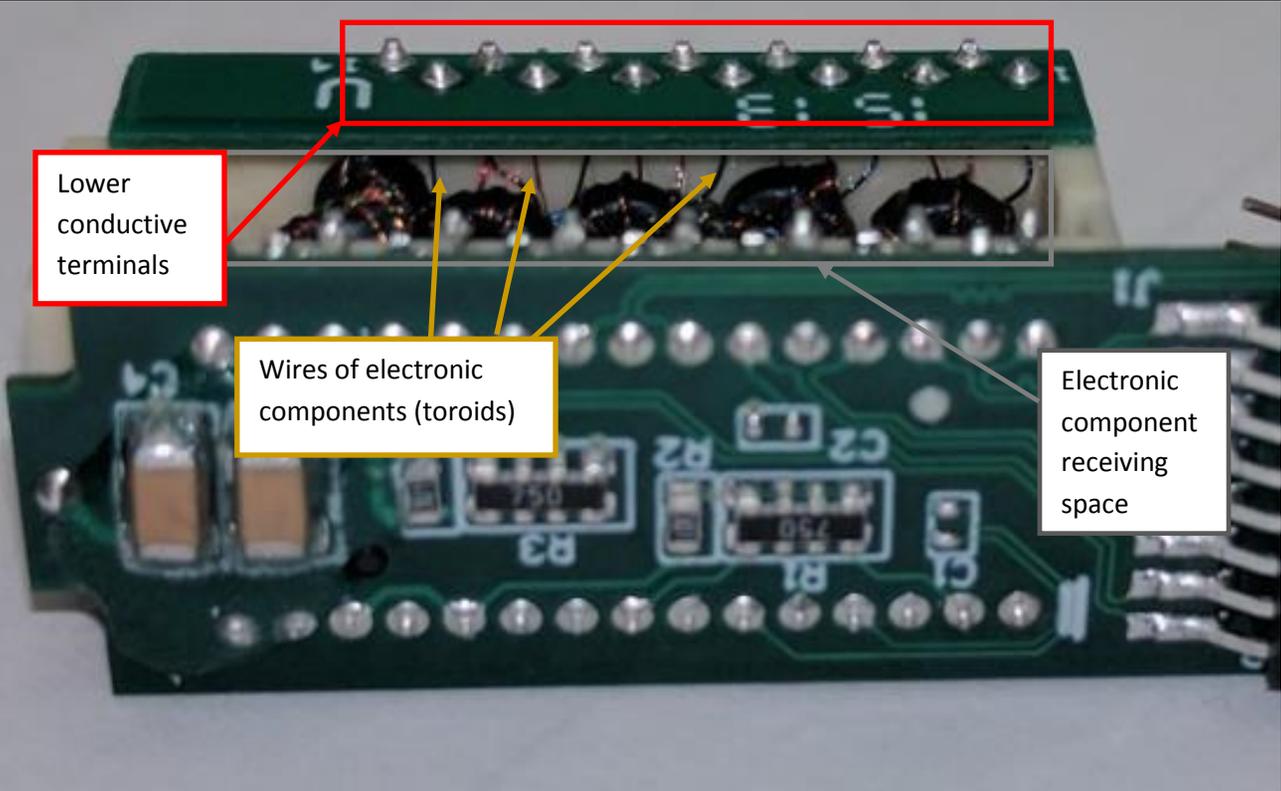
U.S. Patent No. 7,959,473 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G Product
	 <p data-bbox="716 1105 1598 1198">Channels that run between the electronic component receiving space and at least a portion of the lower conductive terminal portions</p>

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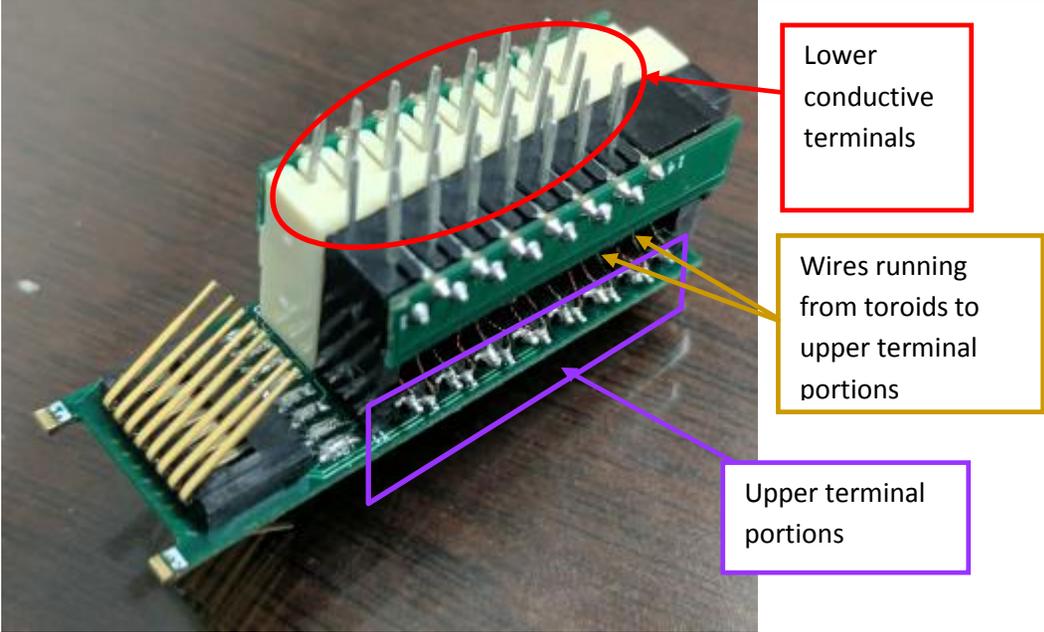
U.S. Patent No. 7,959,473 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G Product
<p>wherein said plurality of channels allow for the routing of wire between the electronic component receiving space and the lower conductive terminal portions...</p>	 <p>Lower conductive terminals</p> <p>Wires of electronic components (toroids)</p> <p>Electronic component receiving space</p>

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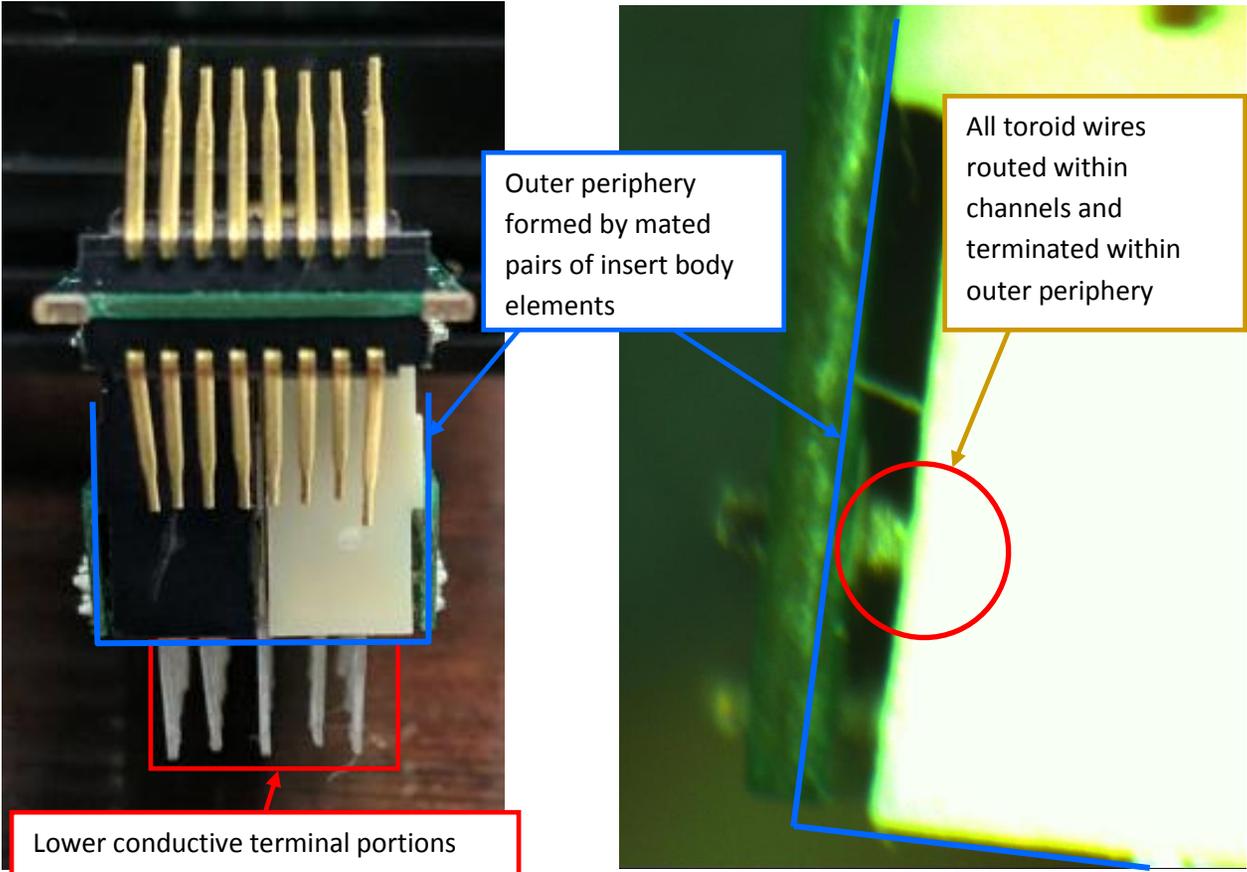
U.S. Patent No. 7,959,473 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G Product
	 <p>The photograph shows a green printed circuit board (PCB) with a white plastic housing. A red oval highlights the top row of terminals, labeled "Lower conductive terminals". A yellow box highlights the wiring connecting the toroids to the upper terminal portions, labeled "Wires running from toroids to upper terminal portions". A purple box highlights the upper terminal portions themselves, labeled "Upper terminal portions".</p>

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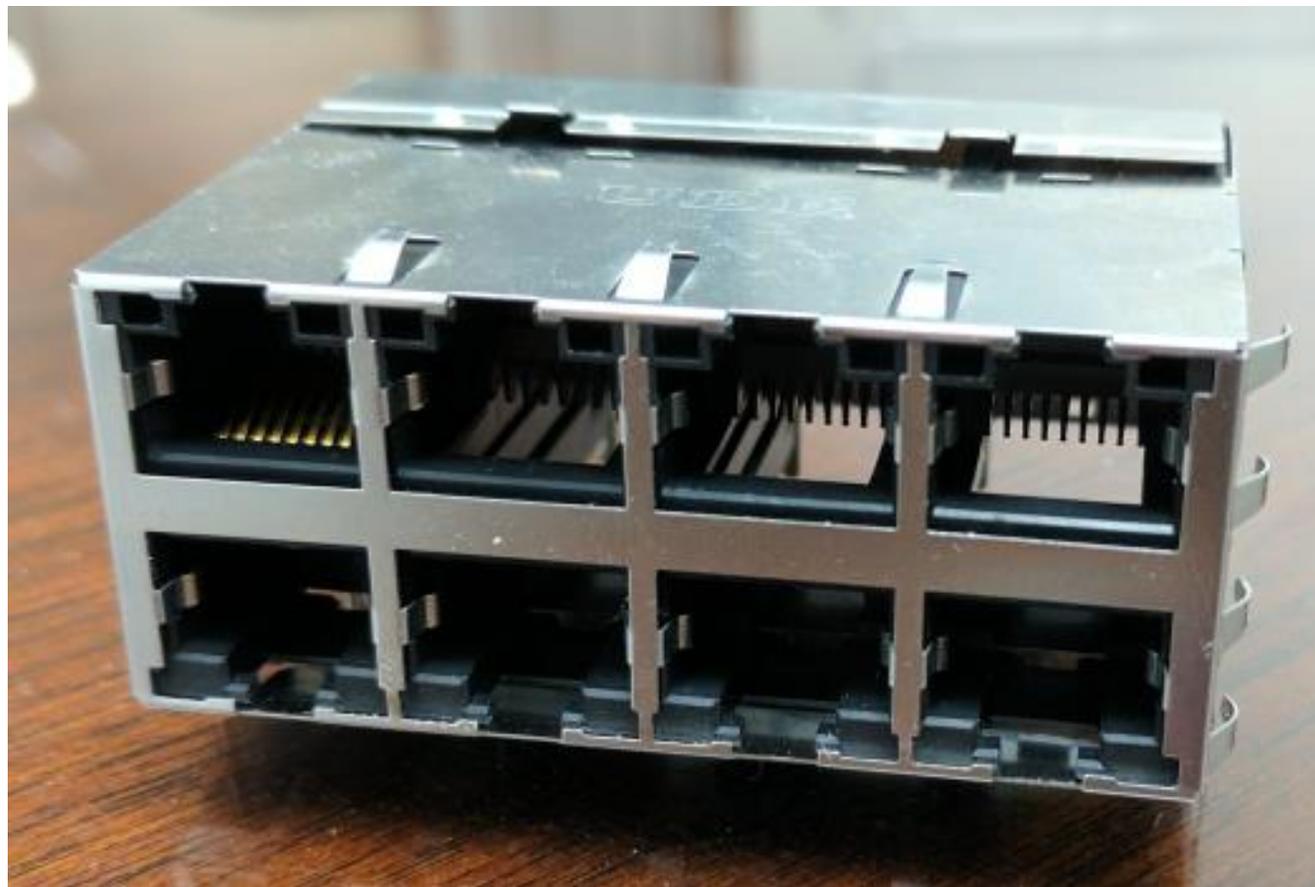
U.S. Patent No. 7,959,473 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G Product
<p data-bbox="201 337 472 493">...internal to an outer periphery formed by mated pairs of insert body elements.</p>	 <p data-bbox="1073 521 1373 699">Outer periphery formed by mated pairs of insert body elements</p> <p data-bbox="1535 467 1835 699">All toroid wires routed within channels and terminated within outer periphery</p> <p data-bbox="600 1187 1108 1247">Lower conductive terminal portions</p>

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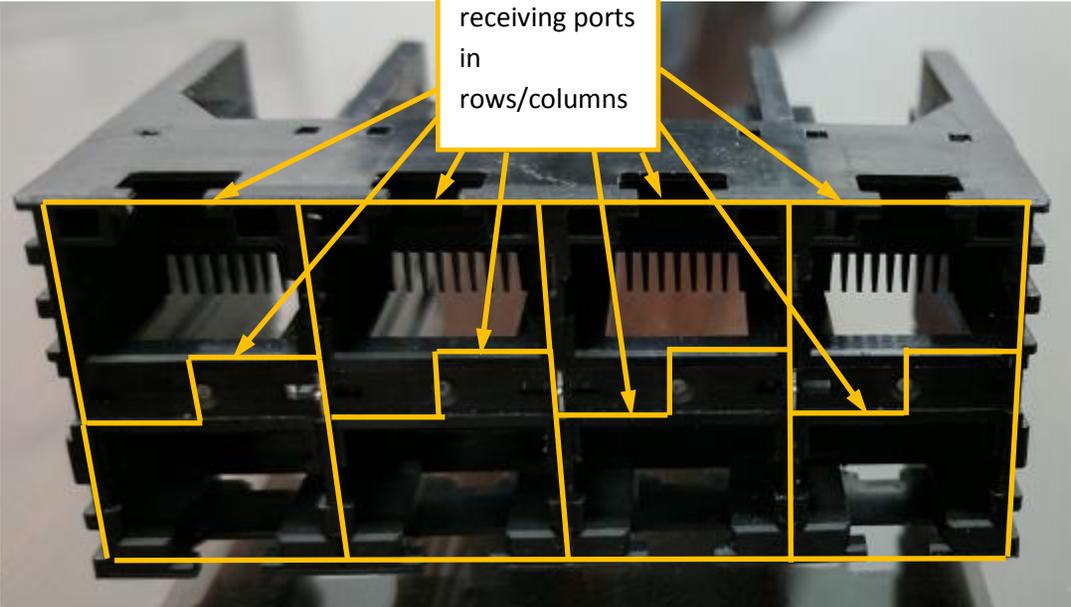
U.S. Patent No. 9,178,318 (Claim 1) vs. Exemplary UDE 2x4 10G ICM



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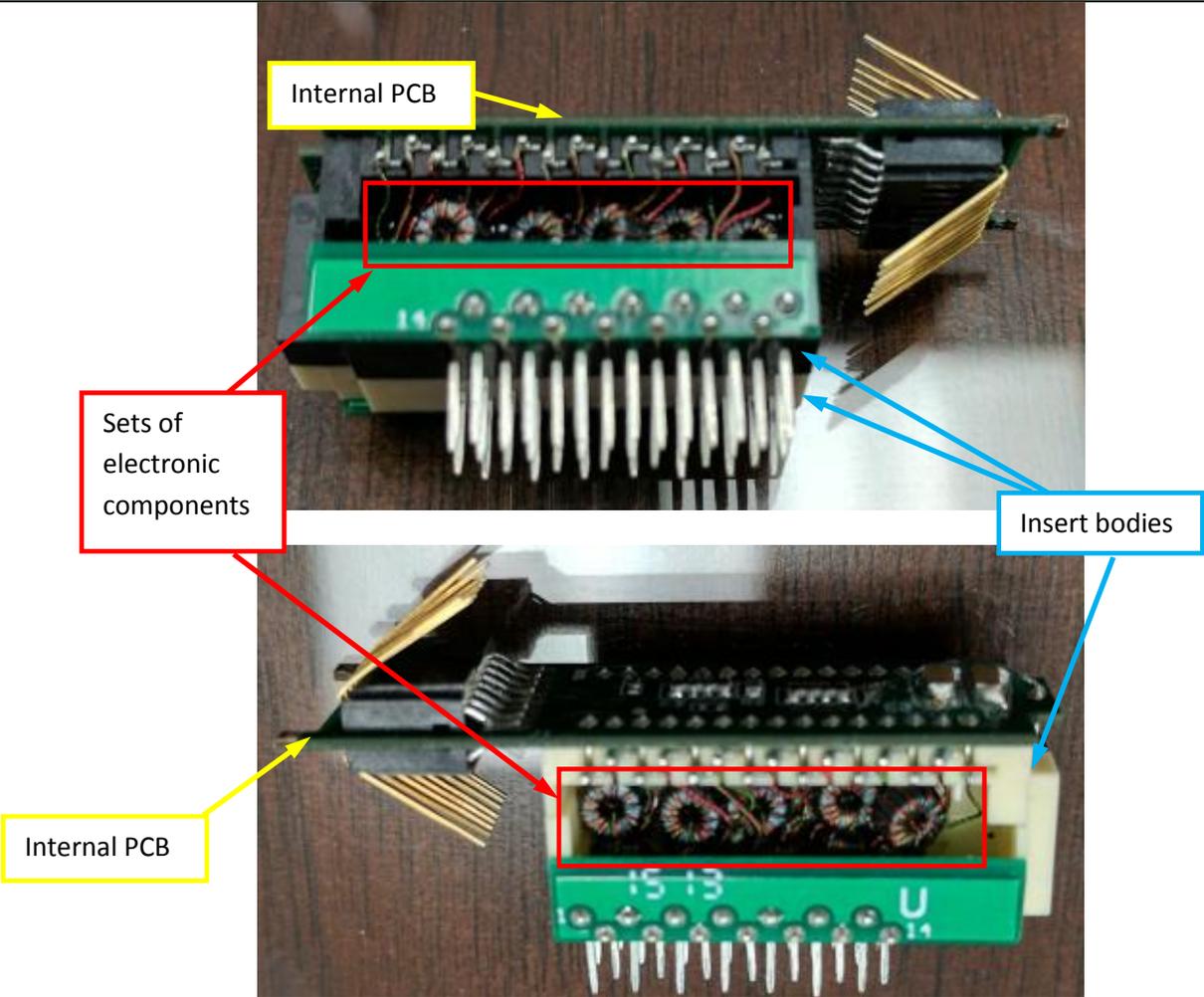
U.S. Patent No. 9,178,318 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM
<p>14. An integrated connector module, comprising:</p> <p>a connector housing comprising a plurality of connector ports arranged in a row-and-column fashion;</p>	 <p>ICM housing with plurality of plug-receiving ports in rows/columns</p> <p>The photograph shows a black plastic integrated connector module (ICM) with a 2x4 grid of ports. A yellow callout box with a white background and black text is positioned above the module. Five yellow arrows point from the callout box to the top of each of the four columns of ports. A yellow rectangular outline is drawn around the entire 2x4 grid of ports.</p>

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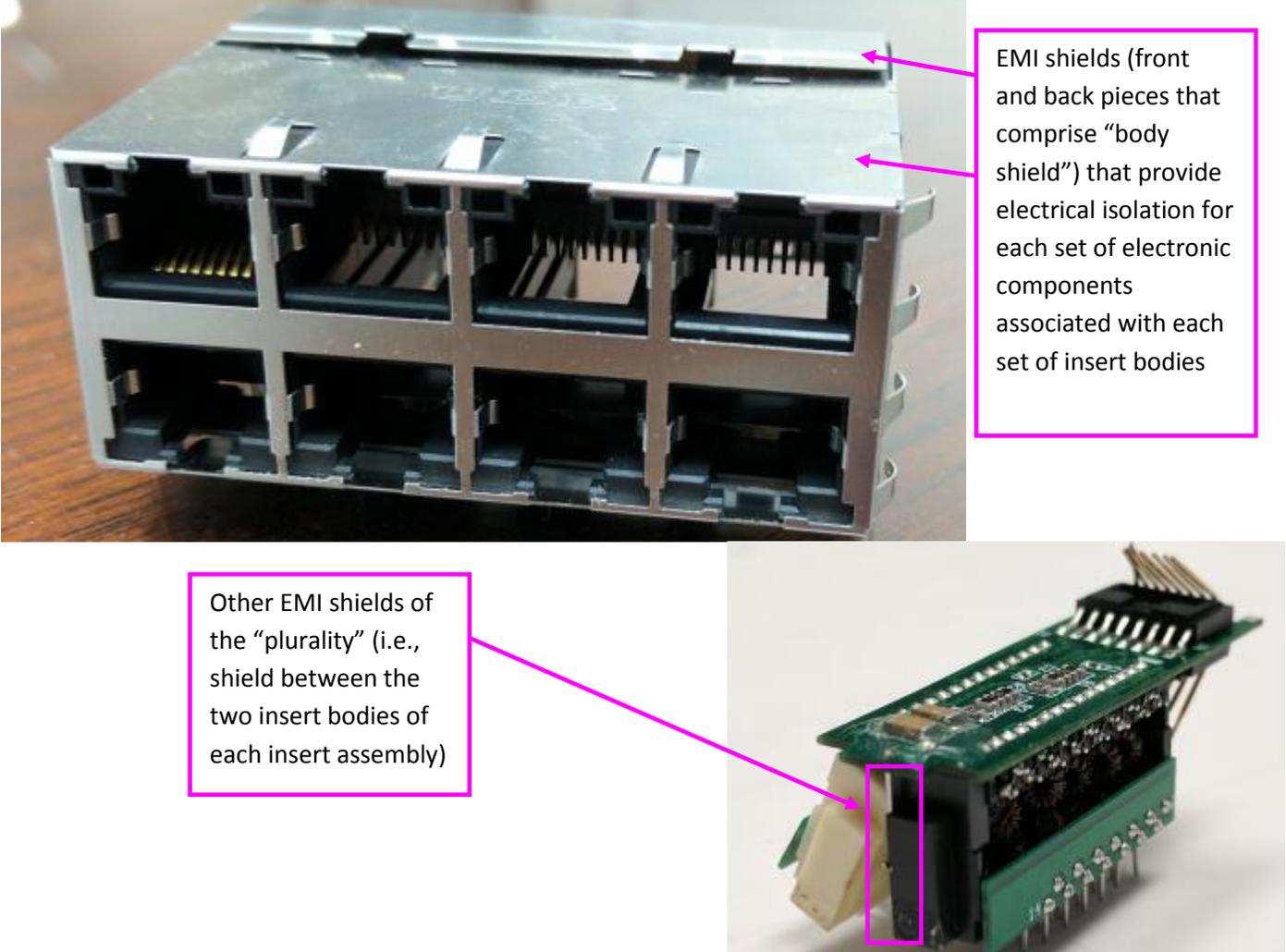
U.S. Patent No. 9,178,318 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM
<p>a plurality of sets of electronic components disposed within one or more insert bodies, the one or more insert bodies further comprising an internal printed circuit board;</p>	 <p>The image shows two views of a UDE 10G ICM. The top view shows the device with a green PCB and a black insert body. A yellow callout box labeled 'Internal PCB' points to the top surface of the PCB. A red callout box labeled 'Sets of electronic components' points to a row of components on the PCB. A blue callout box labeled 'Insert bodies' points to the black plastic housing. The bottom view shows the device from a different angle, with a yellow callout box labeled 'Internal PCB' pointing to the bottom surface of the PCB. A red callout box labeled 'Sets of electronic components' points to the same row of components. A blue callout box labeled 'Insert bodies' points to the black plastic housing.</p>

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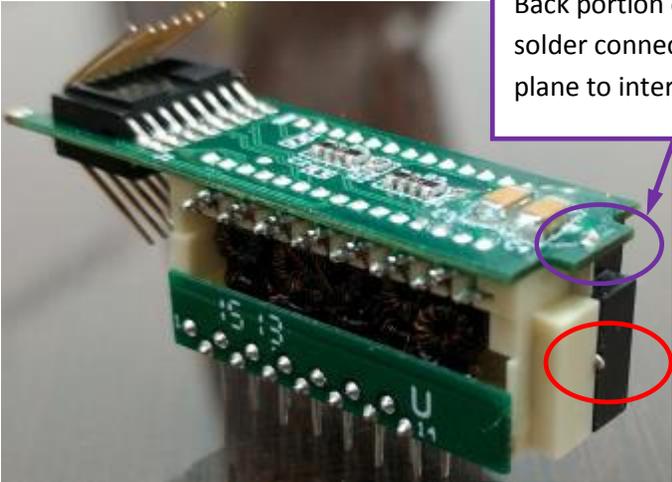
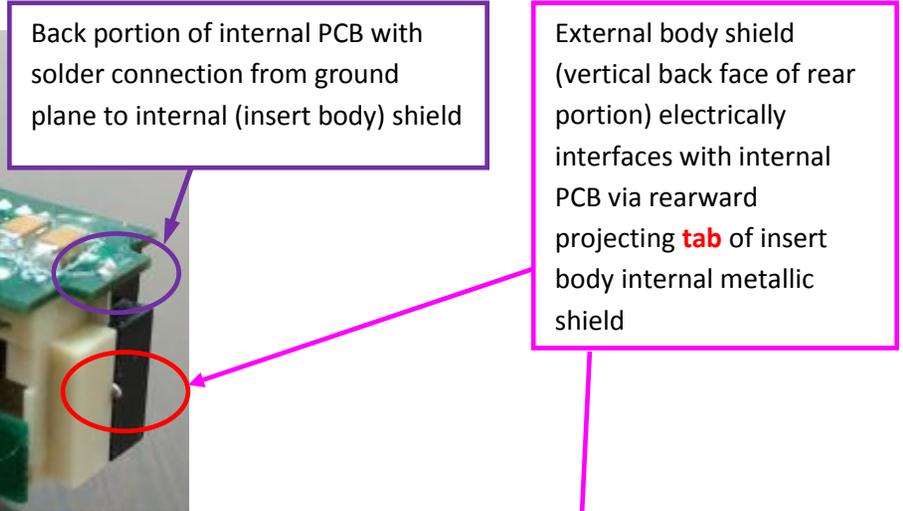
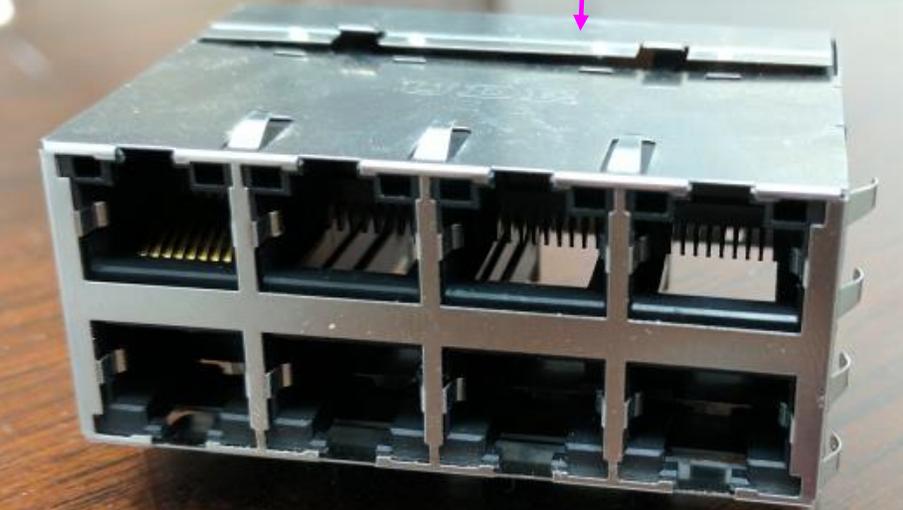
U.S. Patent No. 9,178,318 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM
<p>a plurality of electromagnetic interference (EMI) shields configured to provide electrical isolation for the plurality of sets of electronic components;</p>	 <p>EMI shields (front and back pieces that comprise "body shield") that provide electrical isolation for each set of electronic components associated with each set of insert bodies</p> <p>Other EMI shields of the "plurality" (i.e., shield between the two insert bodies of each insert assembly)</p>

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December 8, 2016

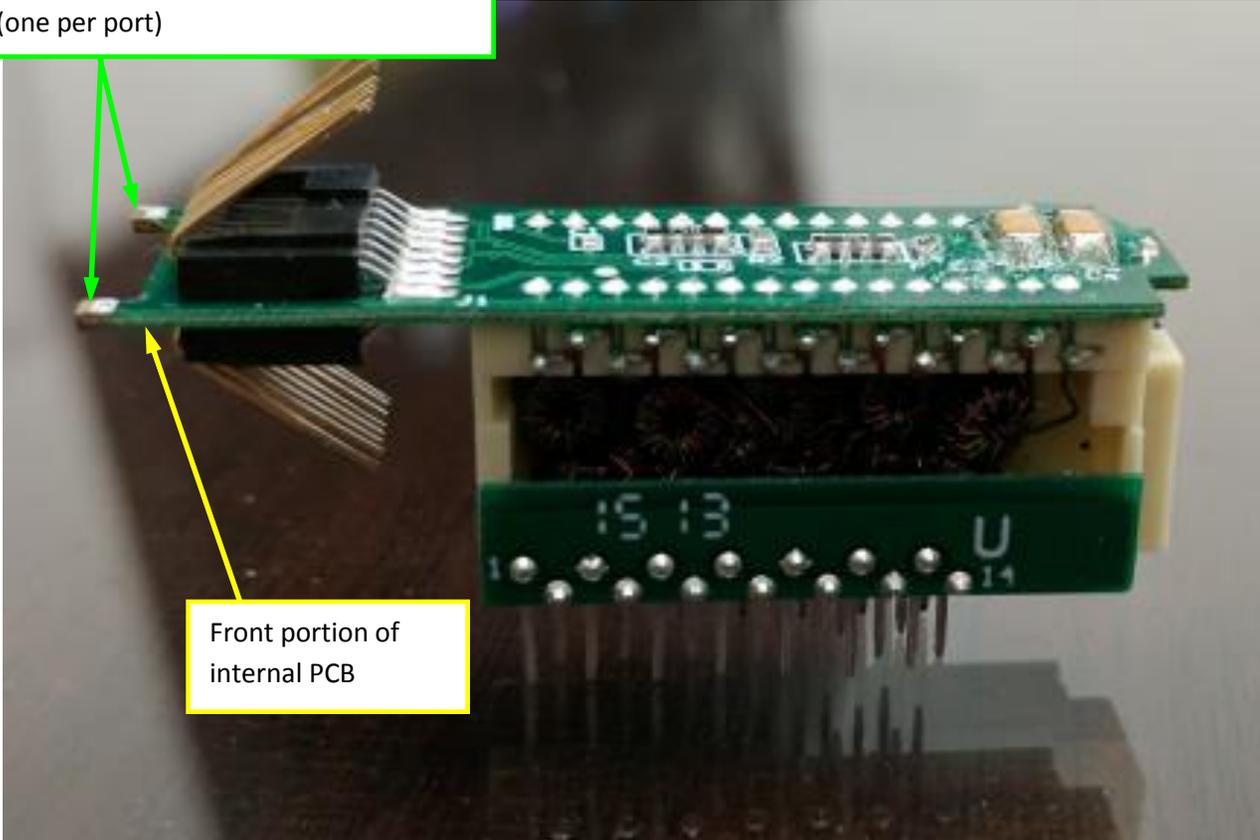
U.S. Patent No. 9,178,318 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM	
<p>the plurality of EMI shields further comprising a body shield ...</p> <p>that interfaces with the internal printed circuit board at least at a back portion of the internal printed circuit board...</p> <p>to improve electrical isolation for the plurality of sets of electronic components; and</p>	 <p>Back portion of internal PCB with solder connection from ground plane to internal (insert body) shield</p>	 <p>External body shield (vertical back face of rear portion) electrically interfaces with internal PCB via rearward projecting tab of insert body internal metallic shield</p>
	<p>Electrical connection of external body shield and internal PCB ground plane and insert body internal shield improves electrical isolation for the electronic components of the insert</p>	

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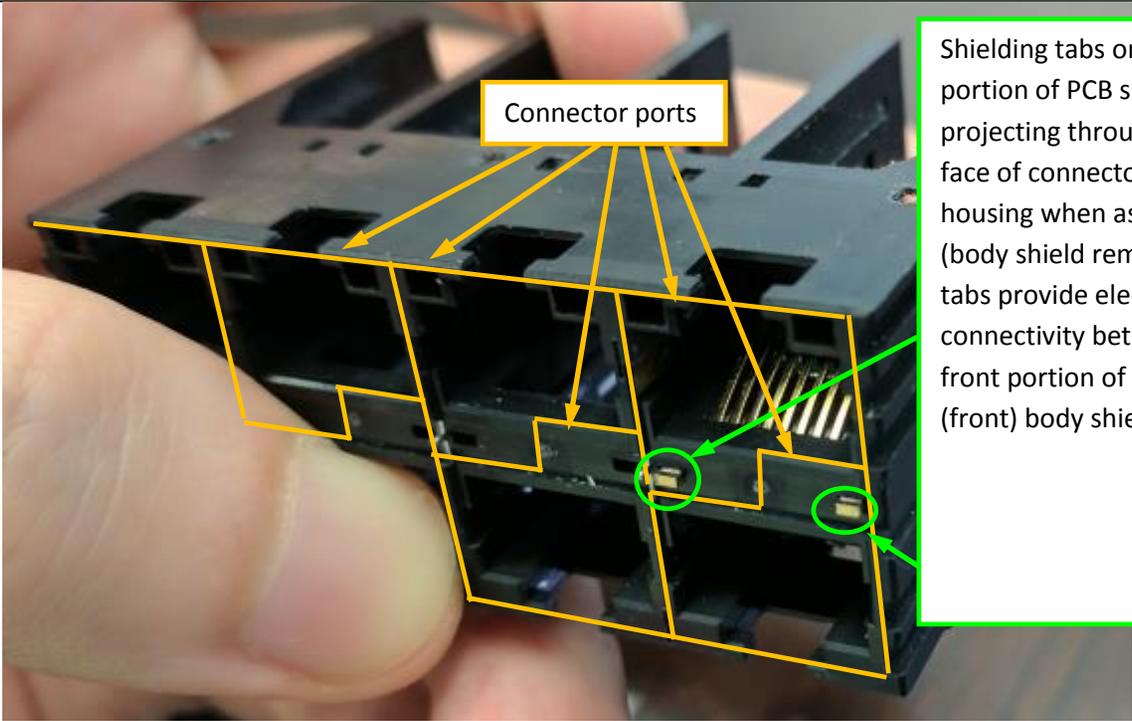
U.S. Patent No. 9,178,318 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM
<p>a shielding tab disposed at least partly within at least one of the plurality of connector ports,...</p>	<p>Shielding tabs (metallic wrap-around U-shaped "clips" which electrically interface with front piece of body shield (one per port)</p>  <p>Front portion of internal PCB</p>

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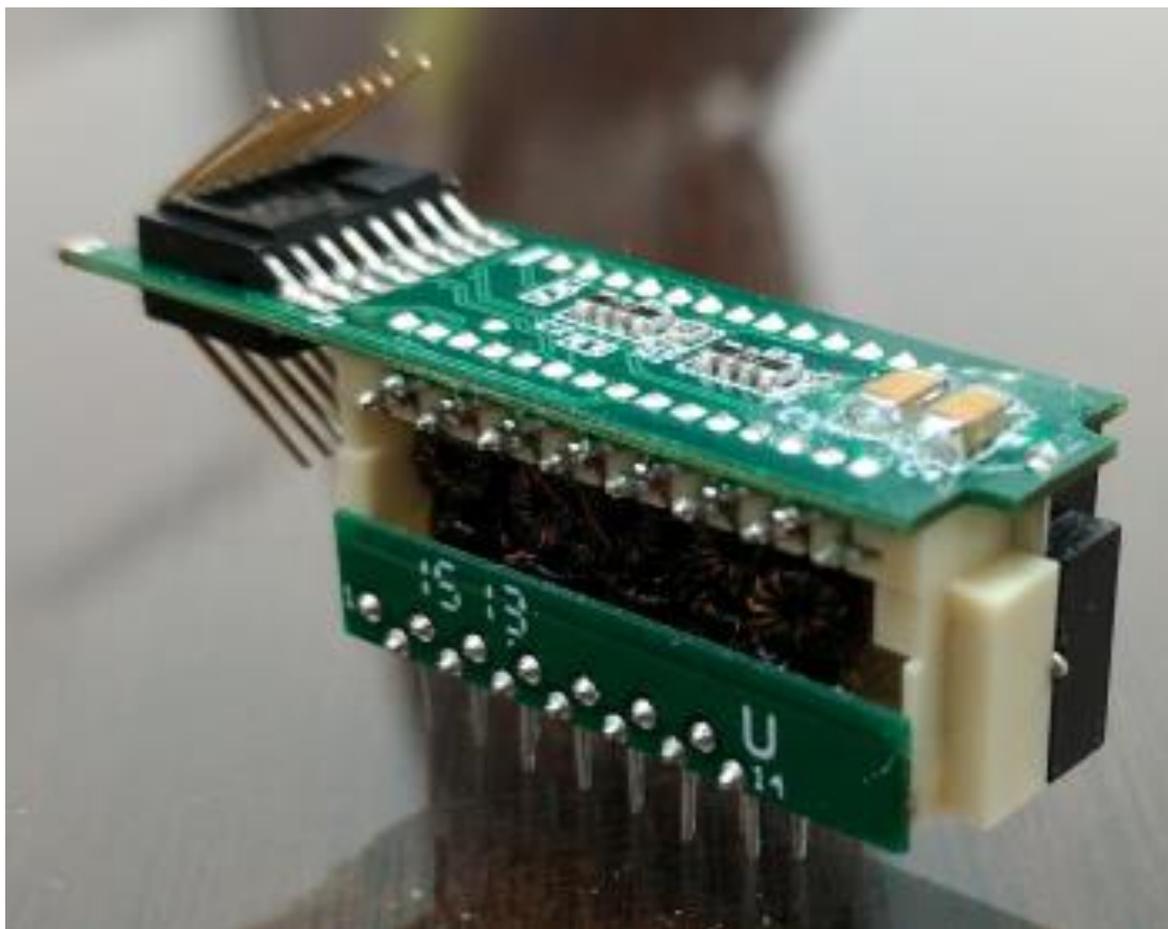
U.S. Patent No. 9,178,318 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM
<p>...the shielding tab configured to provide electrical connectivity between the internal printed circuit board and the body shield at a front portion of the internal printed circuit board.</p>	 <p>Shielding tabs on front portion of PCB shown projecting through front face of connector housing when assembled (body shield removed) – tabs provide electrical connectivity between front portion of PCB and (front) body shield</p>

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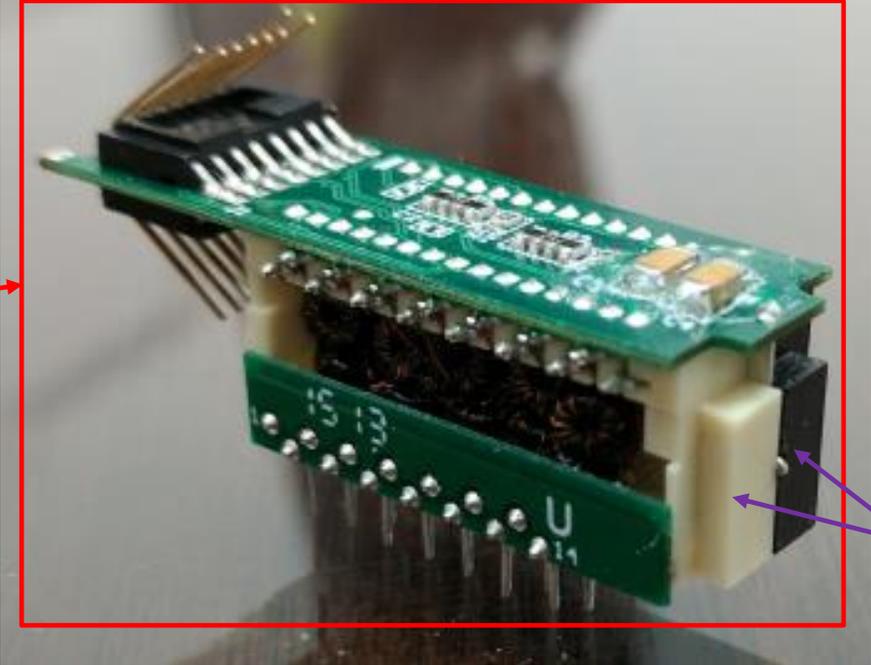
U.S. Patent No. 6,593,840 (Claim 1) vs. Exemplary UDE 2x4 10G ICM



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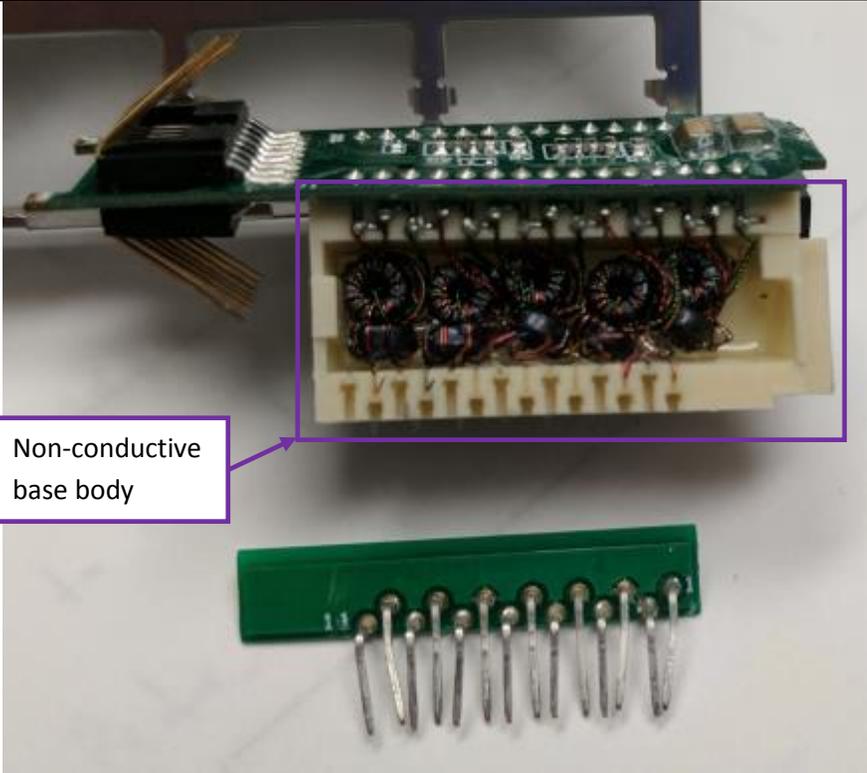
U.S. Patent No. 6,593,840 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM
<p data-bbox="205 337 476 407">1. An electronic device, comprising;</p> <p data-bbox="205 440 476 509">a non-conducting base body having:</p>	 <p data-bbox="573 578 741 683">Electronic device*</p> <p data-bbox="1692 854 1929 959">Non-conductive base bodies (2)</p> <p data-bbox="527 1062 1902 1131">*Note: Alternatively, the recited electronic device may be considered as the entire ICM, or ICM assembled onto motherboard</p>

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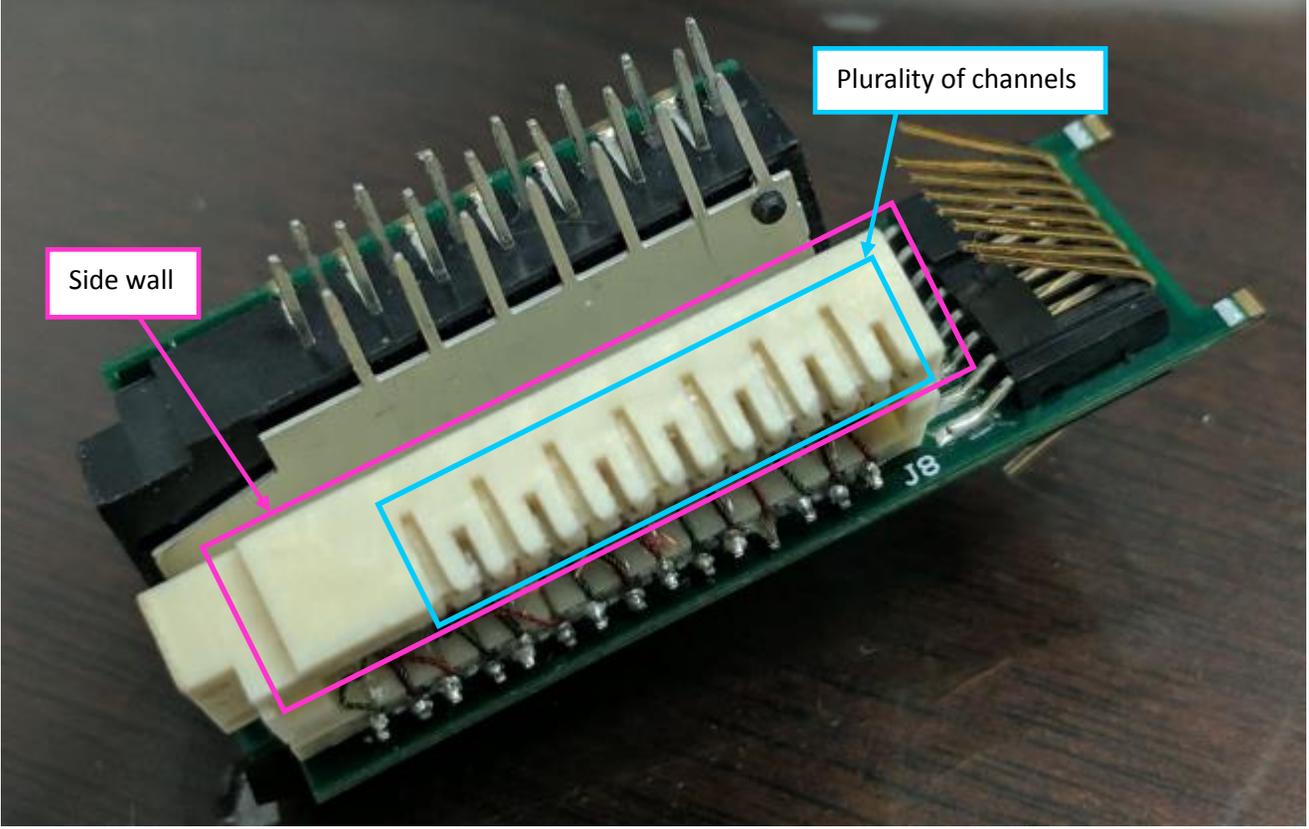
U.S. Patent No. 6,593,840 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM
	 <p data-bbox="770 748 1005 854">Non-conductive base body</p> <p>The photograph shows a green printed circuit board (PCB) with a white plastic base body. The base body is mounted on a yellow carrier. A callout box with a purple border and an arrow points to the base body, with the text "Non-conductive base body". Below the main assembly, a separate green PCB with silver pins is shown.</p>

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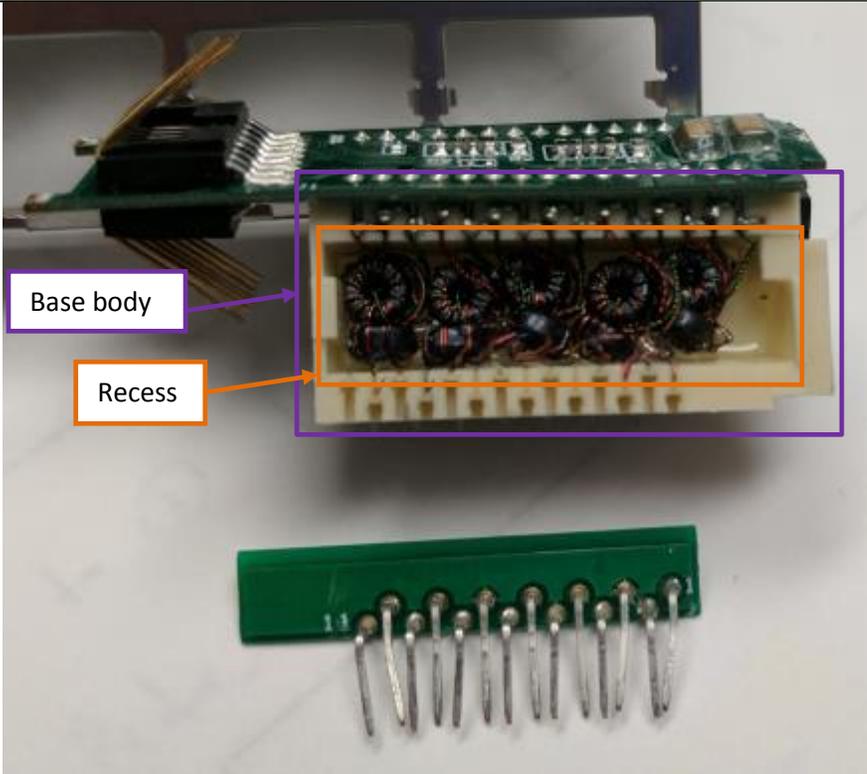
U.S. Patent No. 6,593,840 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM
<p>at least one side wall, wherein a portion of said at least one side wall defines a plurality of lead channels in said side wall;</p>	 <p>The photograph shows a UDE 10G ICM component mounted on a green PCB. A pink rectangular box highlights the side wall of the component, with a callout label 'Side wall' pointing to it. A blue rectangular box highlights a series of lead channels on the side wall, with a callout label 'Plurality of channels' pointing to them. The component has several gold-plated pins on top and a connector labeled 'J8' on the PCB.</p>

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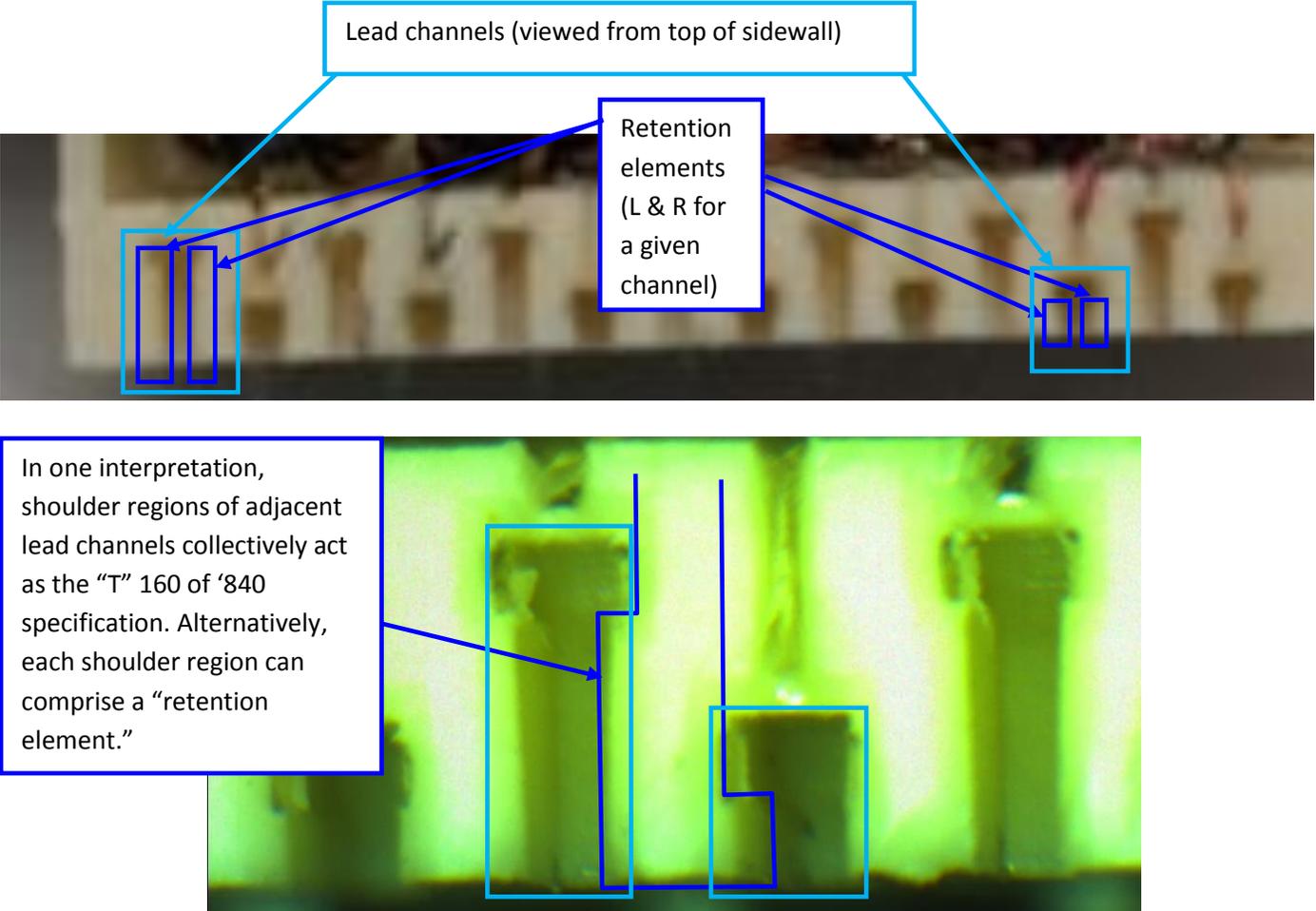
U.S. Patent No. 6,593,840 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM
<p>a portion of the base body defining at least one recess disposed therein;</p>	 <p>The photograph shows a green printed circuit board (PCB) component, identified as a UDE 10G ICM. The component is mounted on a white substrate. A purple rectangular box highlights the main body of the component, with a callout label 'Base body' pointing to it. Within this purple box, an orange rectangular box highlights a specific area containing several electronic components, with a callout label 'Recess' pointing to it. Below the main component, a separate green PCB strip with several silver pins is shown.</p>

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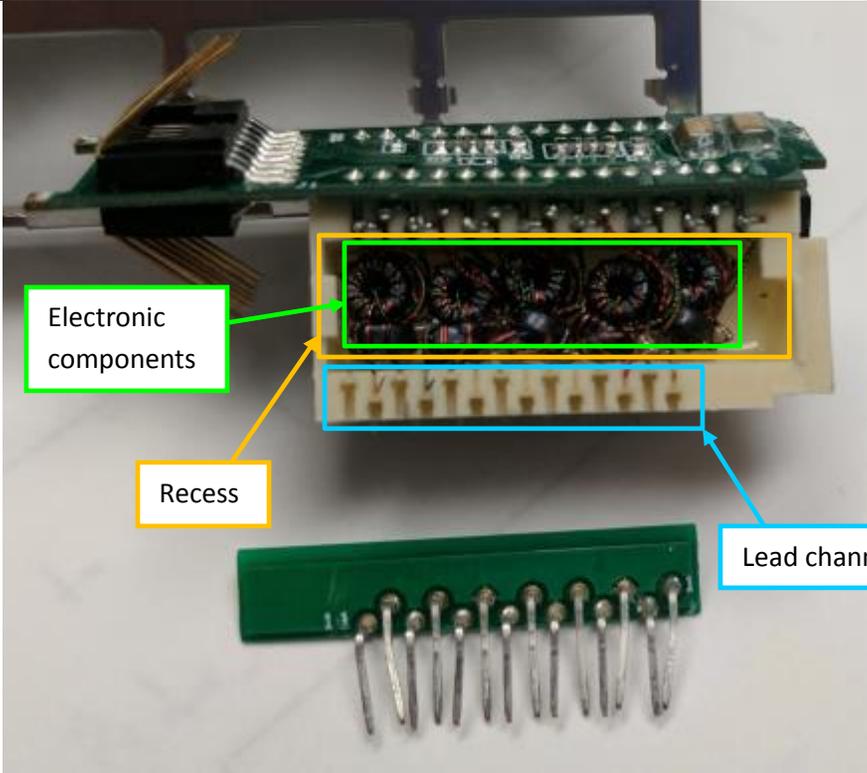
U.S. Patent No. 6,593,840 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM
<p>at least one retention element disposed in at least one of said plurality of lead channels;</p> <p>In one interpretation, shoulder regions of adjacent lead channels collectively act as the "T" 160 of '840 specification. Alternatively, each shoulder region can comprise a "retention element."</p>	 <p>Lead channels (viewed from top of sidewall)</p> <p>Retention elements (L & R for a given channel)</p>

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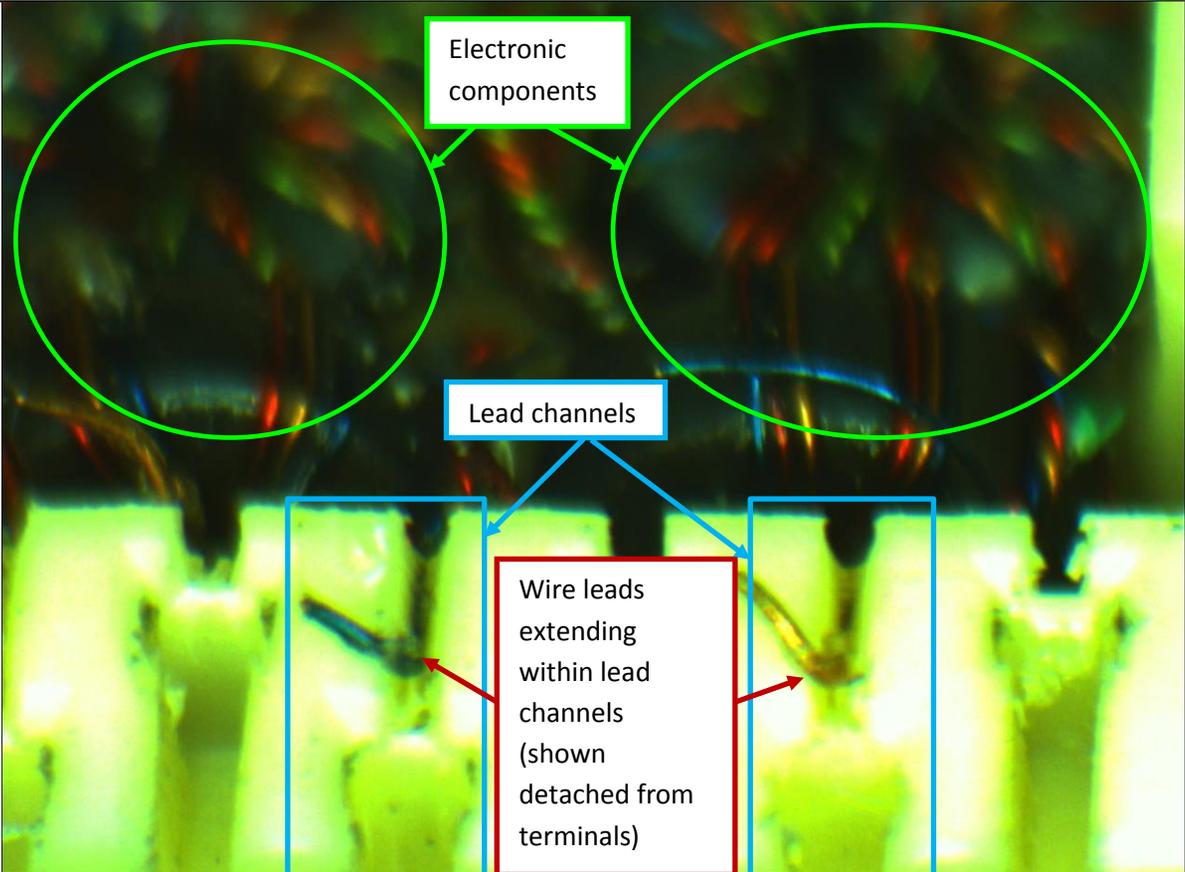
U.S. Patent No. 6,593,840 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM
<p>at least one electronic component disposed in said at least one recess, said electronic component having a plurality of wire leads, at least one of said plurality of wire leads extending within at least one of said plurality of lead channels;</p>	 <p>The photograph shows a green printed circuit board (PCB) assembly. A yellow box highlights a recessed area on the board containing several electronic components. A blue box highlights a row of lead channels on the board. A green box highlights a specific electronic component within the recess. Callout lines connect these boxes to their respective labels: 'Electronic components' (green), 'Recess' (yellow), and 'Lead channels' (blue). Below the main assembly, a separate green PCB strip with a row of silver wire leads is shown.</p>

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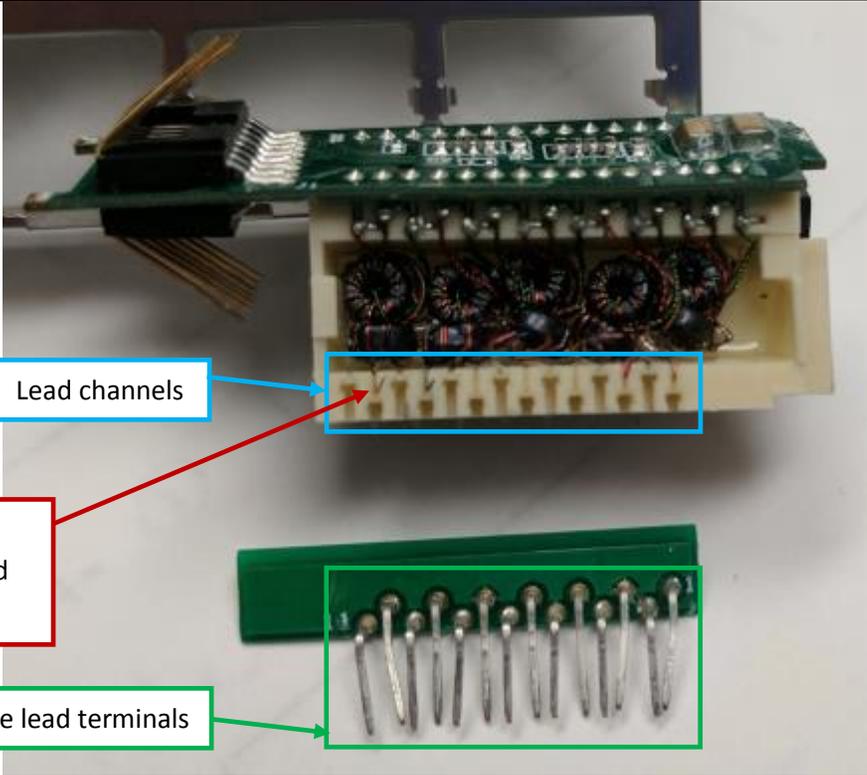
U.S. Patent No. 6,593,840 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM
	 <p>The image shows a microscopic view of a UDE 10G ICM. Two green circles at the top highlight 'Electronic components'. A blue box labeled 'Lead channels' points to two blue rectangular boxes at the bottom, which show 'Wire leads extending within lead channels (shown detached from terminals)'. Red arrows point from the red-bordered text box to the wire leads in the blue-bordered boxes.</p>

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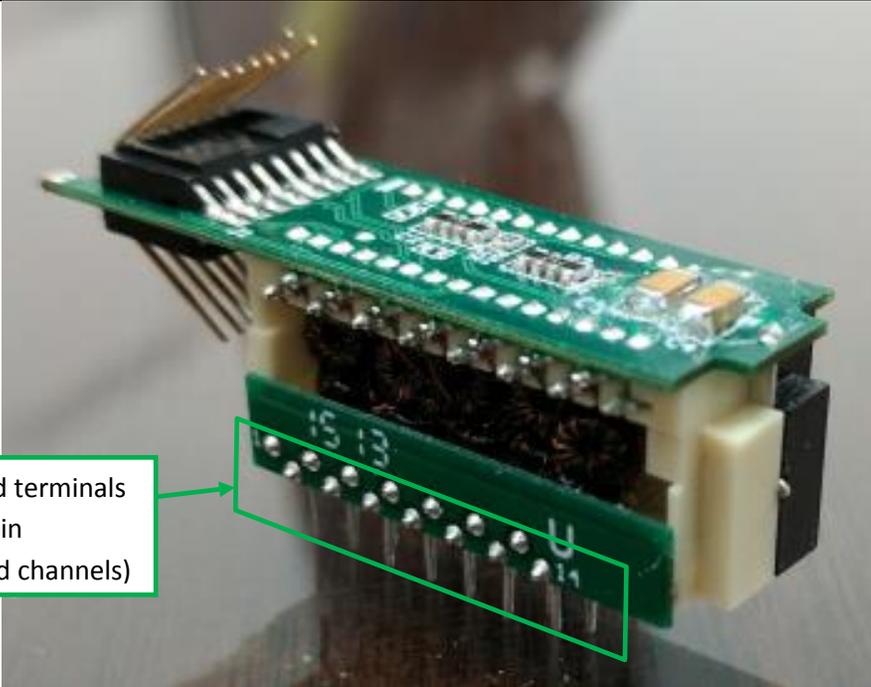
U.S. Patent No. 6,593,840 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM
<p>a plurality of insertable lead terminals, each of said lead terminals received within a respective one of said plurality of lead channels, at least one of said lead terminals forming a conductive contact with said at least one of said plurality of wire leads; and</p>	 <p>The photograph shows a green printed circuit board (PCB) assembly mounted on a yellow plastic carrier. The assembly includes a green PCB with various components and a row of silver wire leads. Callouts with colored boxes and arrows identify: 'Lead channels' (blue box, blue arrow pointing to a slot in the carrier), 'Wire leads contact lead terminals' (red box, red arrow pointing to a wire lead), and 'Insertable lead terminals' (green box, green arrow pointing to a silver terminal on the PCB).</p>

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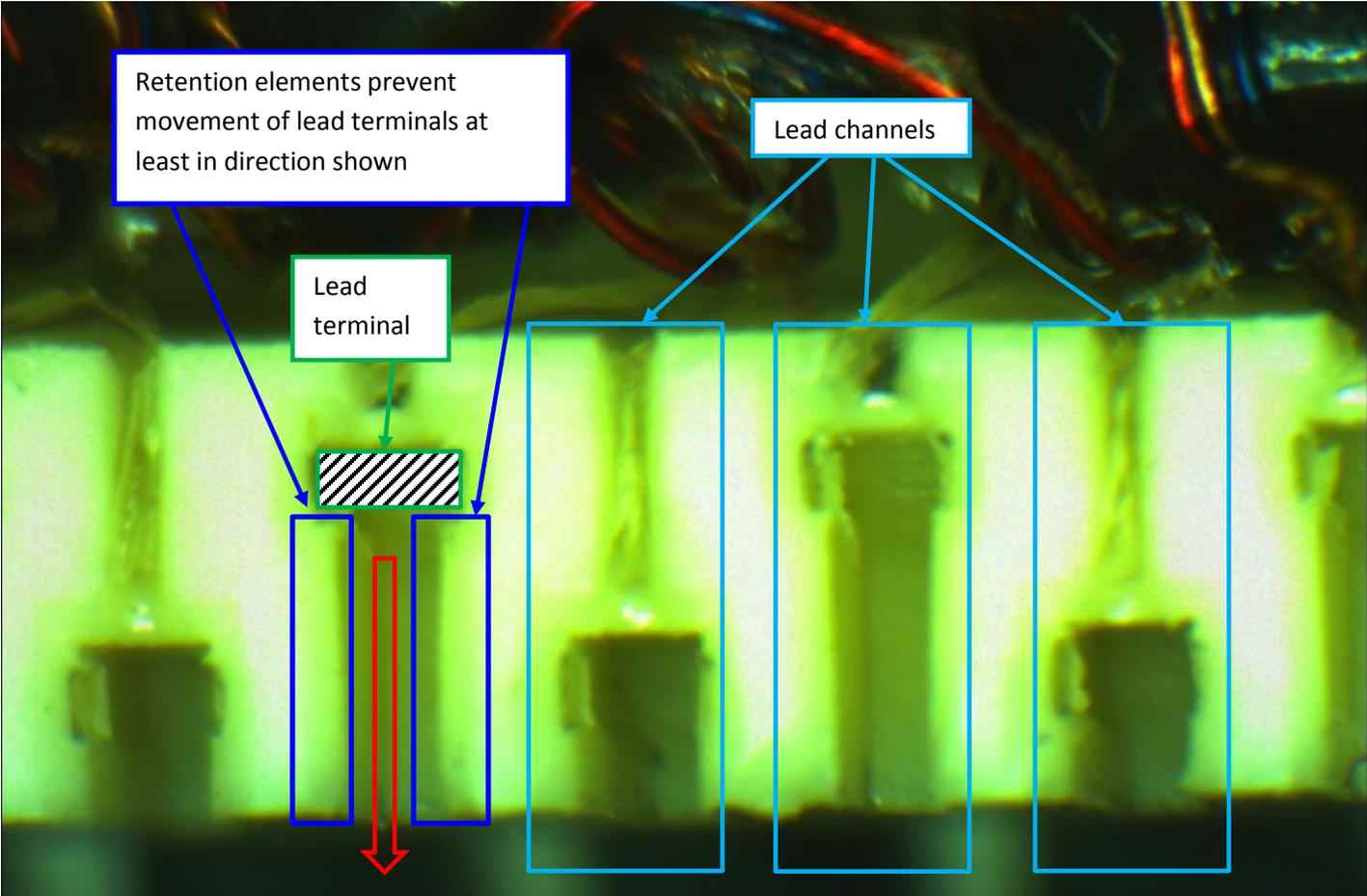
U.S. Patent No. 6,593,840 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM
	 <p data-bbox="583 787 932 927">Insertable lead terminals (received within respective lead channels)</p>

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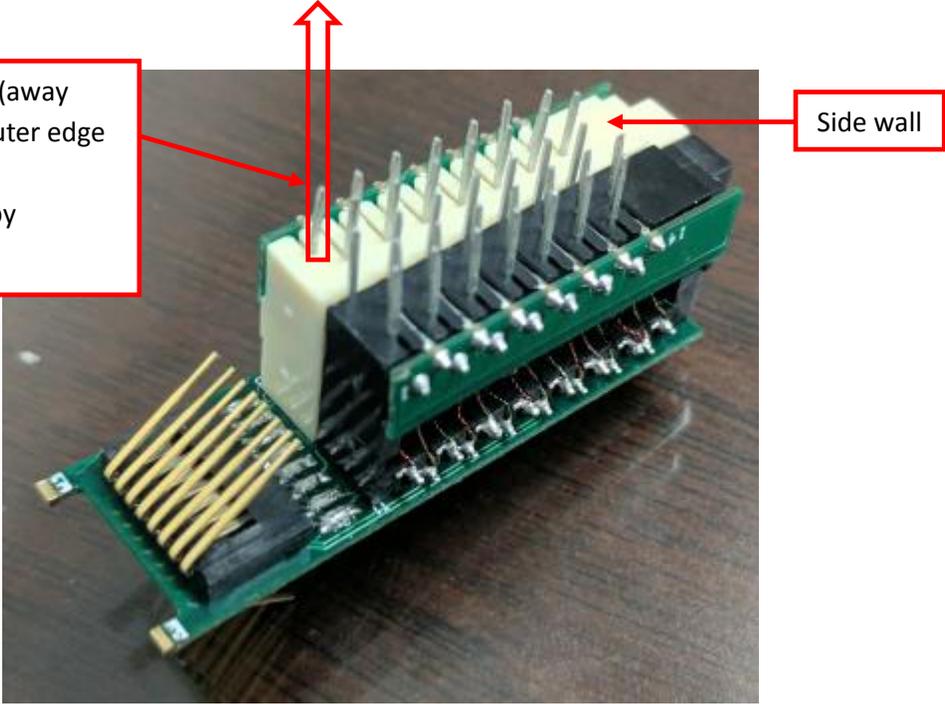
U.S. Patent No. 6,593,840 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM
<p>wherein movement of said lead terminals within said plurality of lead channels is restricted by said retention element.</p>	

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U.S. Patent No. 6,593,840 (Claim 1) vs. Exemplary UDE 2x4 10G ICM

Claim Language	UDE 10G ICM
	<p data-bbox="506 477 974 711">Lead terminal movement (away from cavity and toward outer edge of side wall; i.e., toward motherboard) restricted by retention element</p>  <p>The photograph shows a green printed circuit board (PCB) with a white plastic component (UDE 10G ICM) mounted on it. The component has several metal leads protruding from its top. A red arrow points to a vertical white plastic wall on the side of the component, labeled 'Side wall'. Another red arrow points to a horizontal white plastic ledge at the top of the component, which acts as a retention element for the leads. A text box on the left explains that this ledge restricts the movement of the lead terminals away from the cavity and toward the outer edge of the side wall.</p>