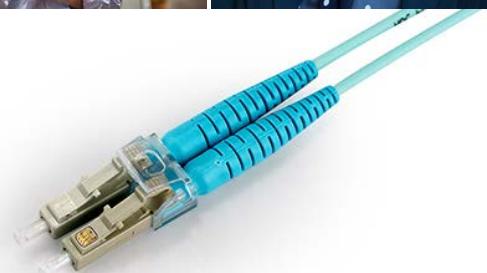




TE Connectivity Rectangular DC jack



EVERY CONNECTION COUNTS

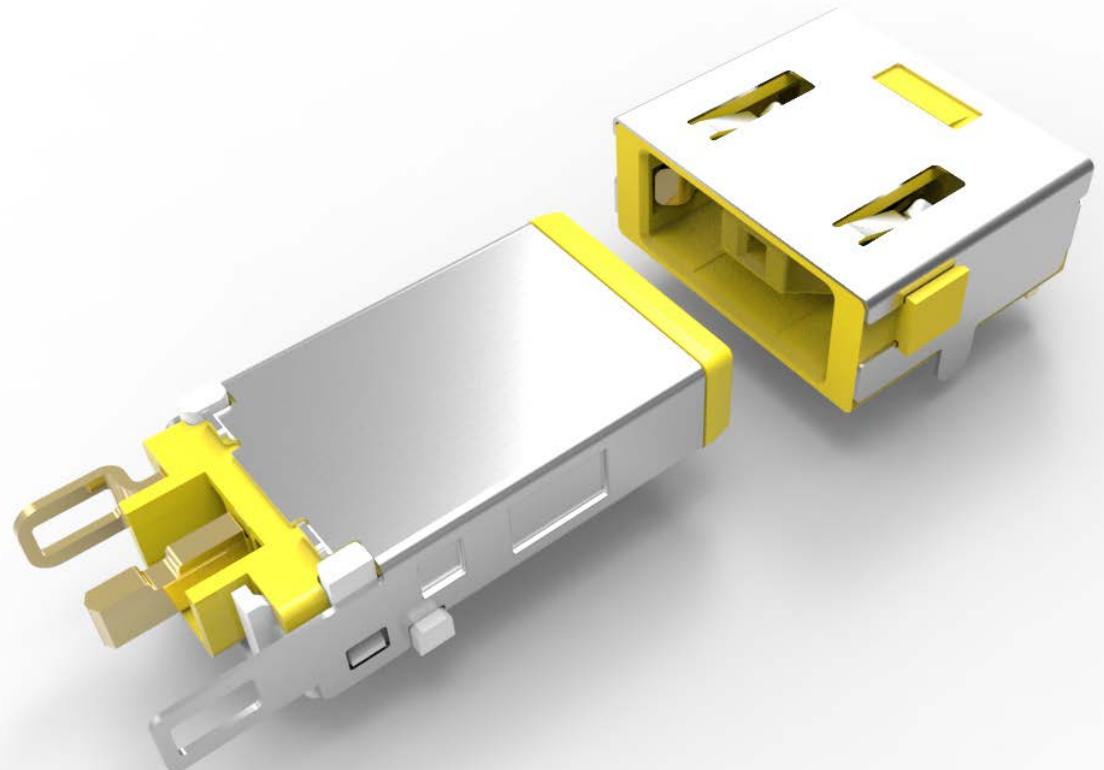


Introduction

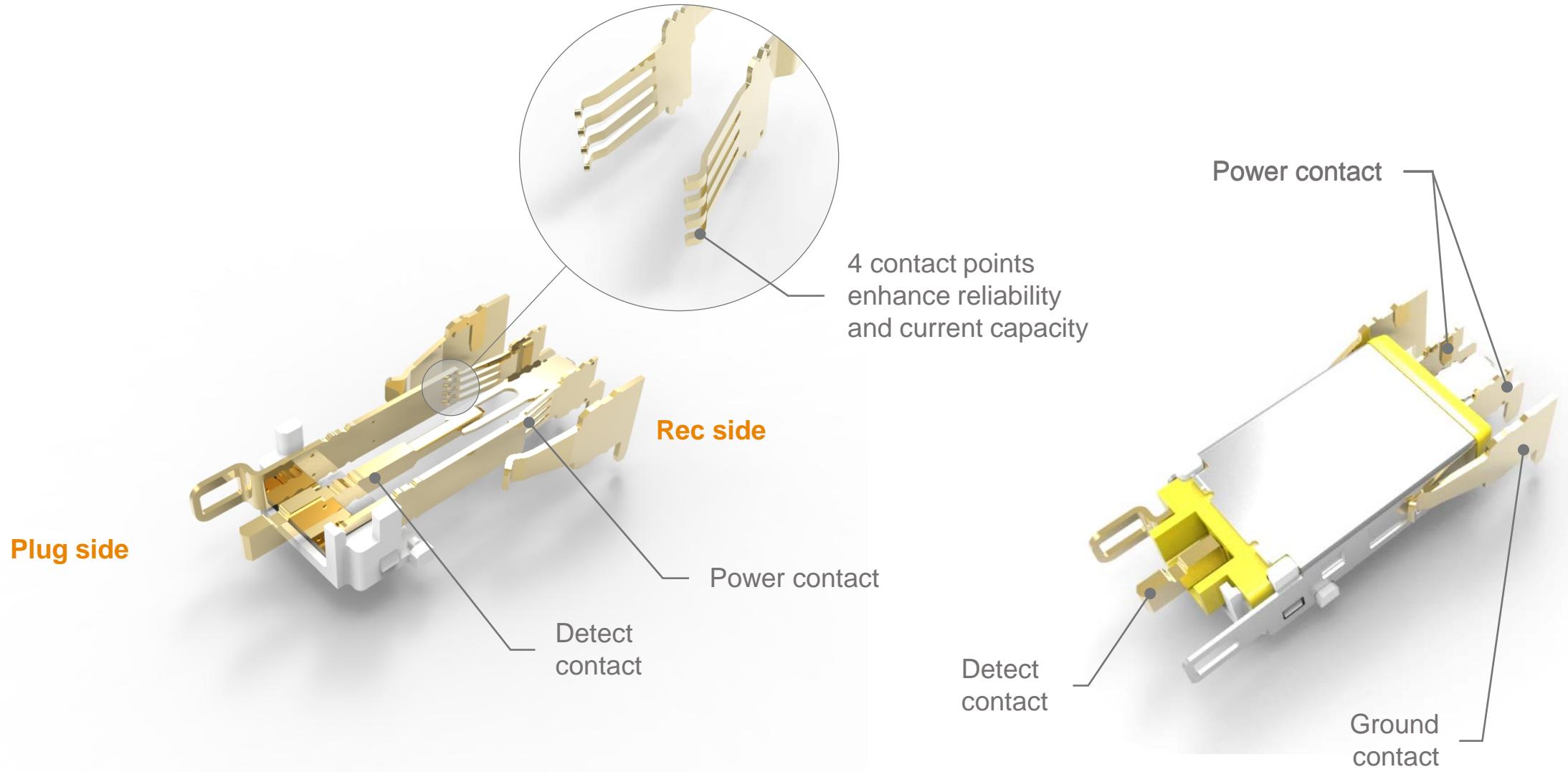
- Application: (Portable) Electronic devices:



- Double contacts (power and ground) enhance reliability
- Louvre contacts in receptacle provide max power transmission
- Plug detection contact allows for electrical switching
- Power: 7A or 10.7A
- Voltage: 25 V max
- Durability: 5,000 cycles



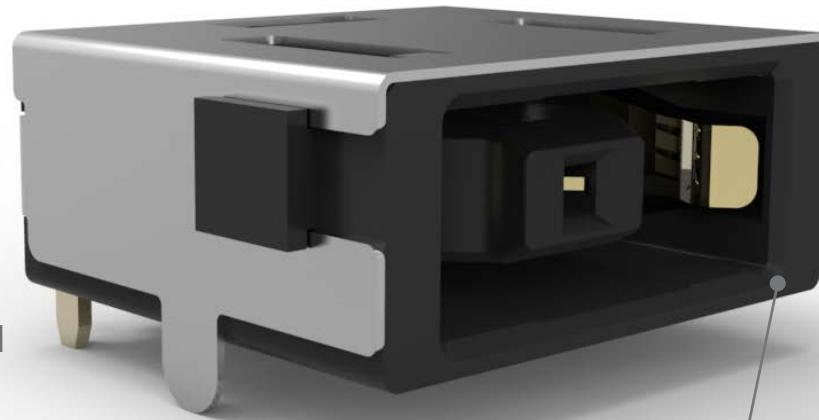
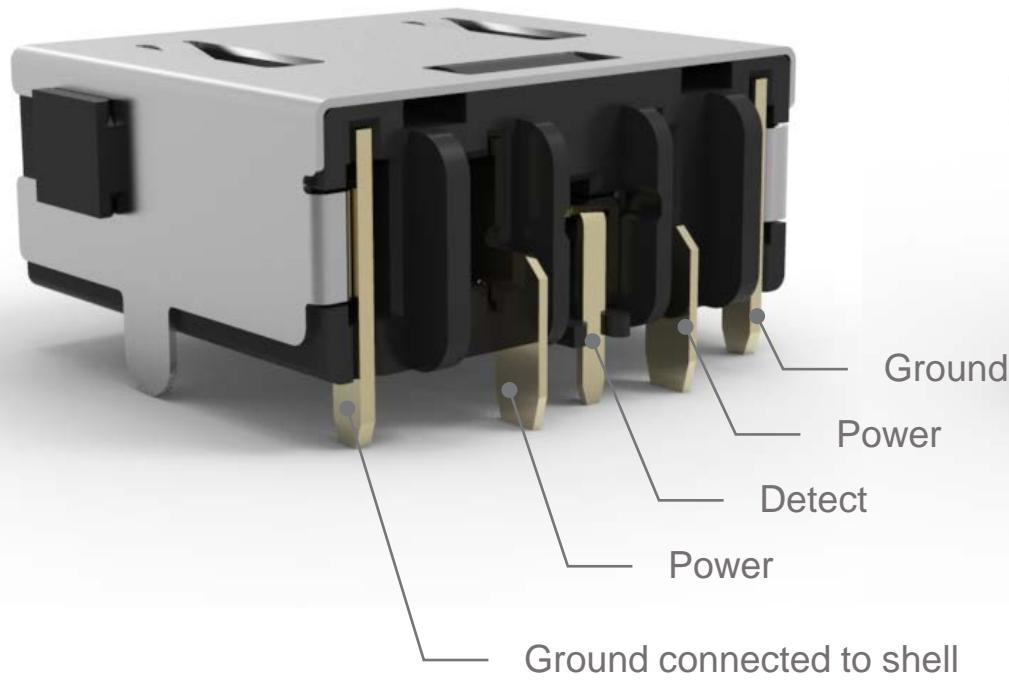
Features



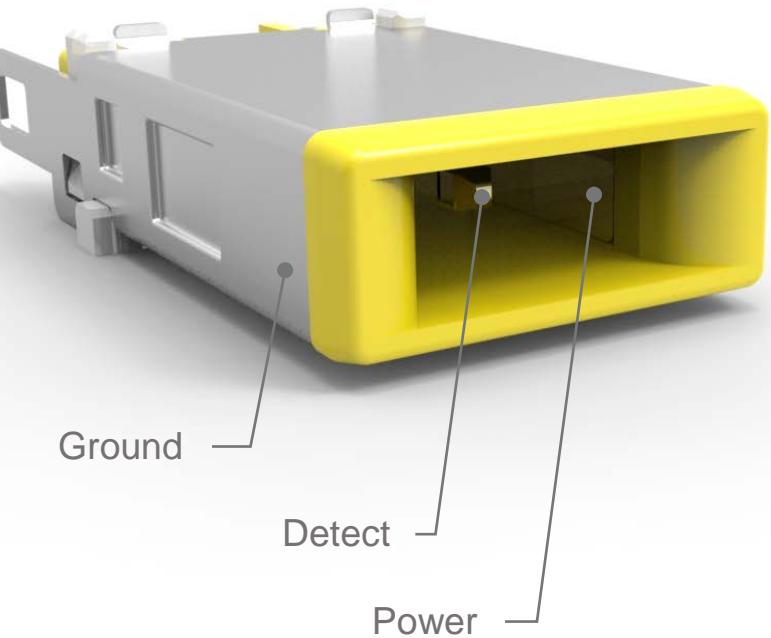
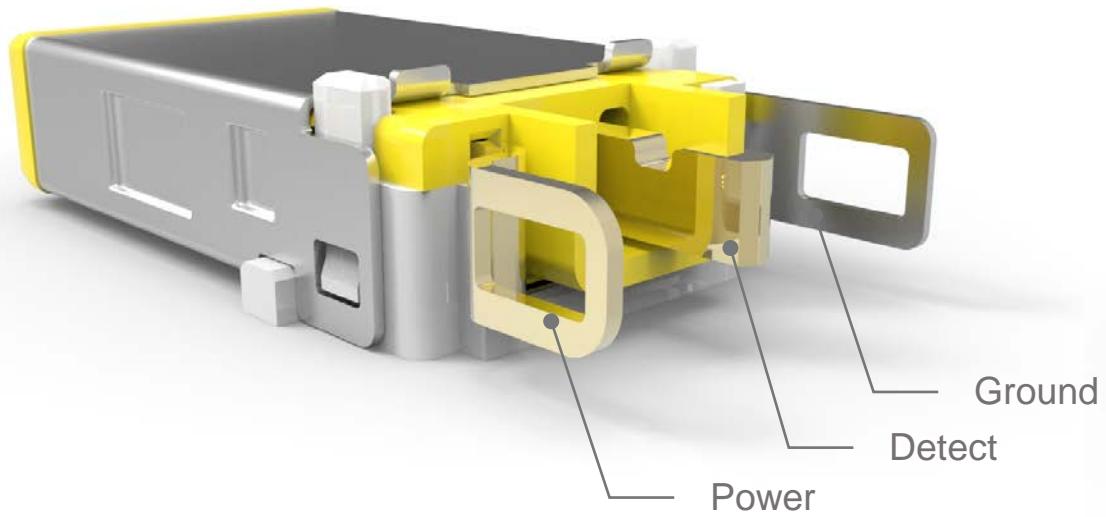
Features



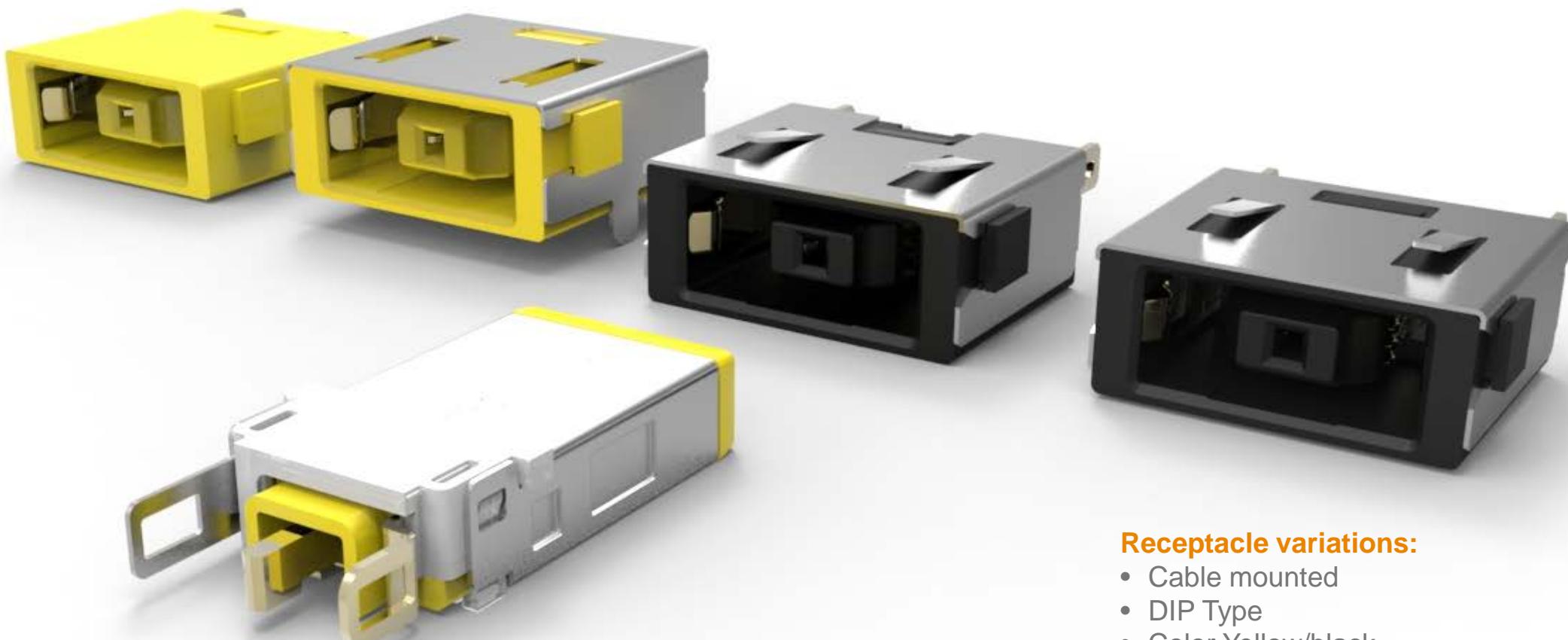
Receptacle Features



Plug Features



Plug and receptacle

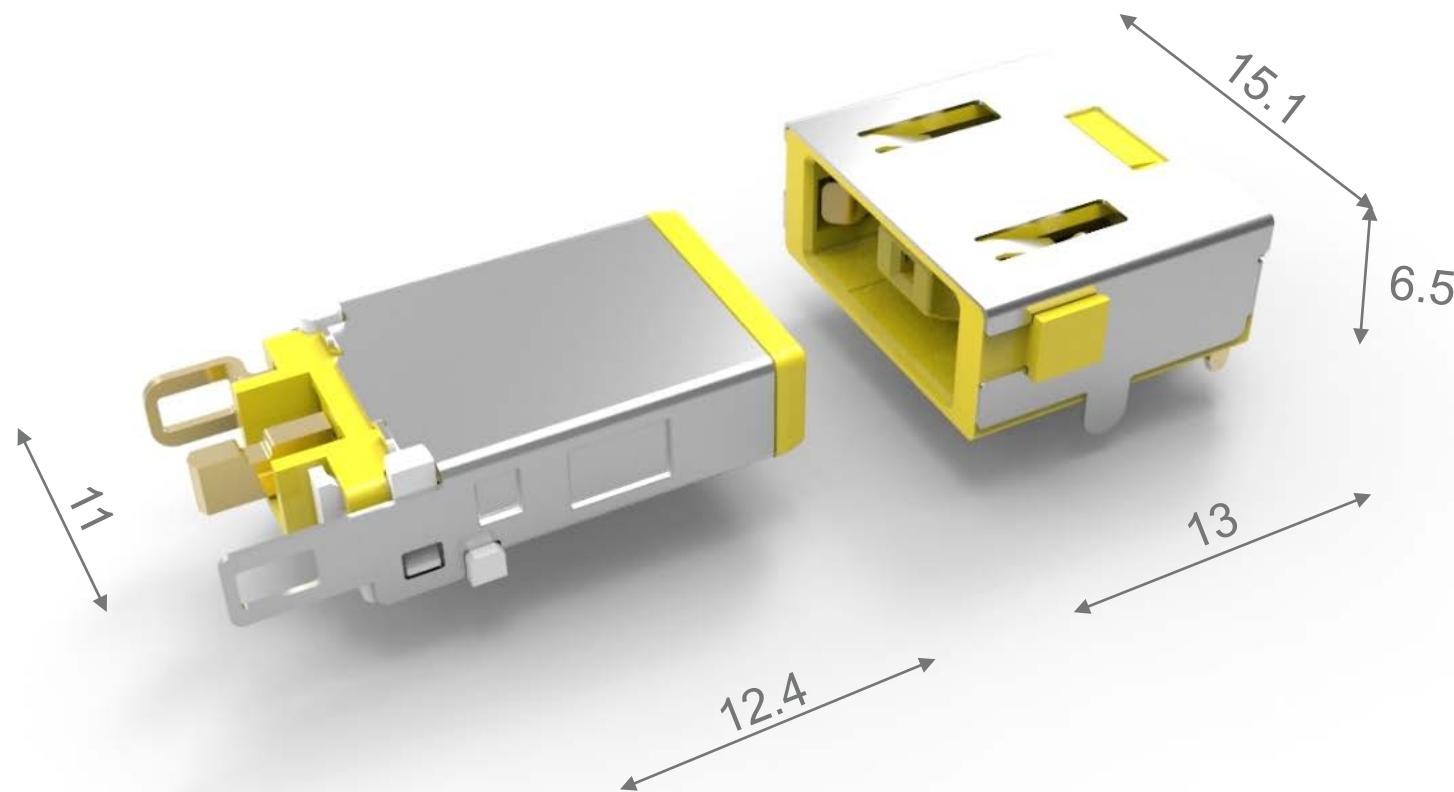


cable mounted plug
(10.7A, one size fits all)

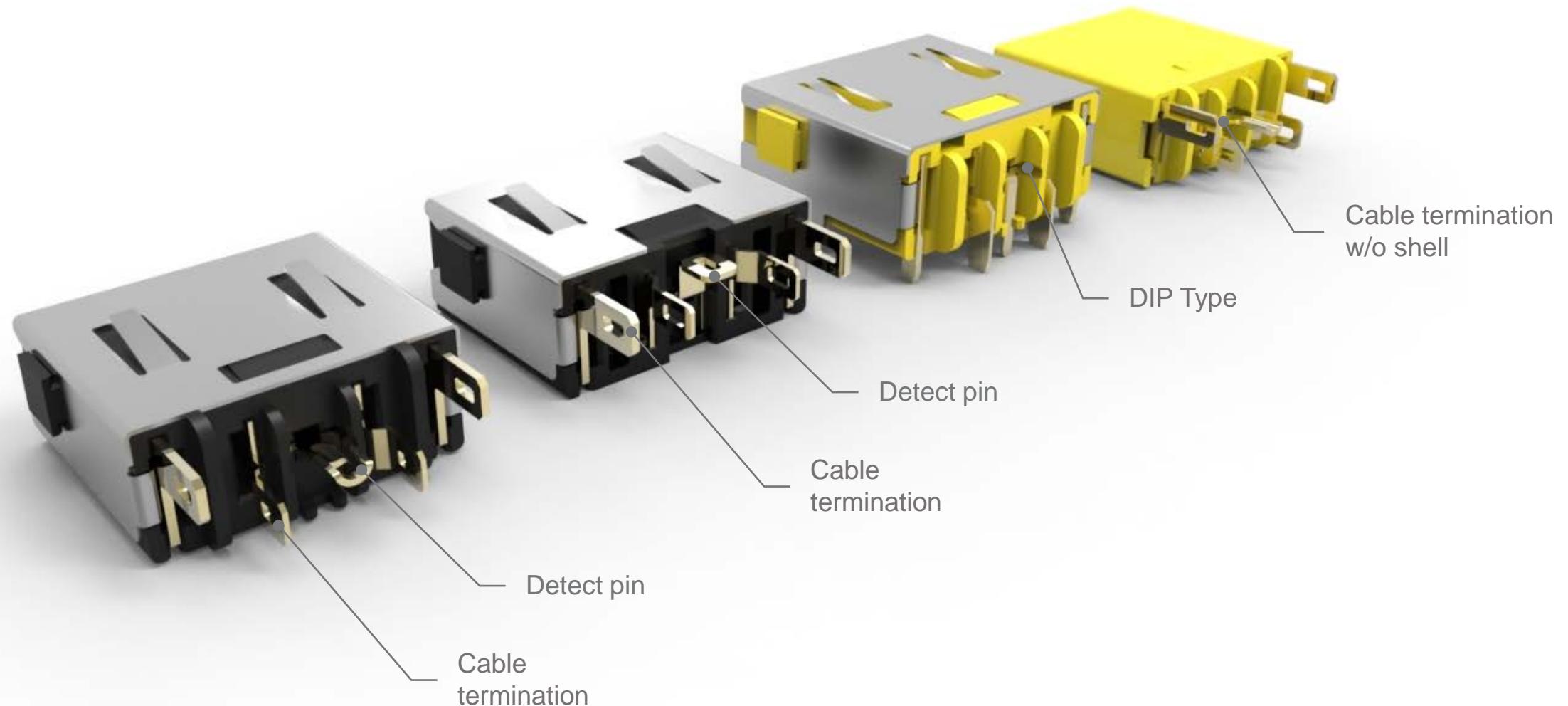
Receptacle variations:

- Cable mounted
- DIP Type
- Color Yellow/black
- Solder tail length
- Current

Dimensions



Receptacle Mounting style

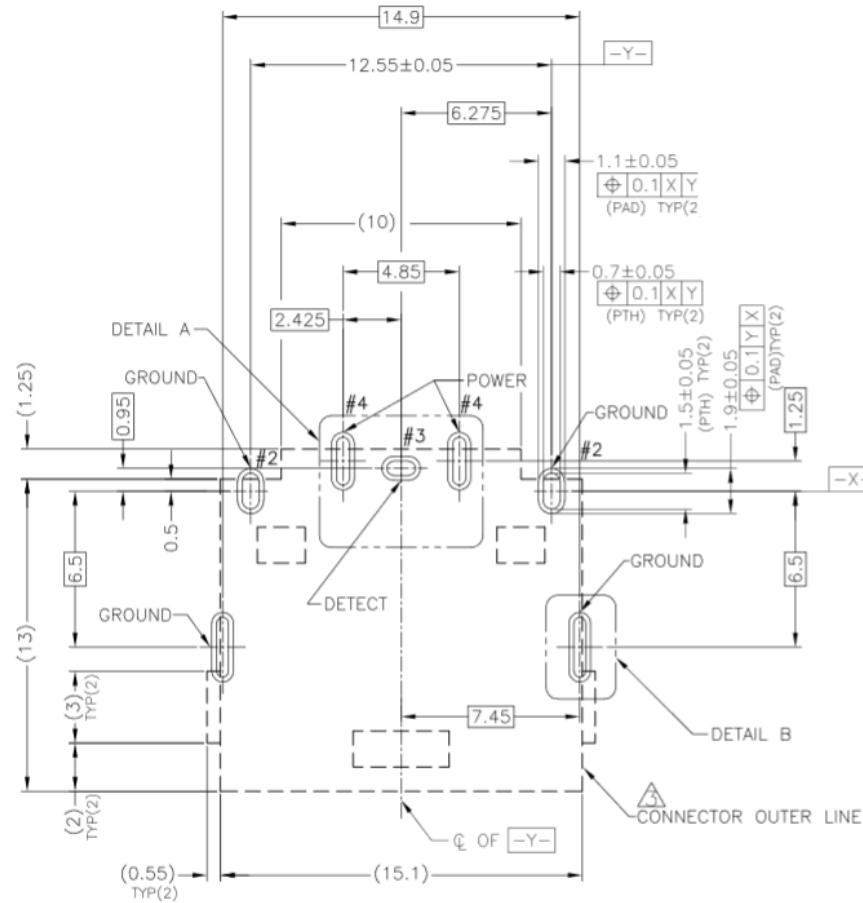


Overview (partnumbers)

Current Rating	PN	Image	Connector Type	Housing Color	Metal Shell	Termination Type	DIP Solder Tail Length	Length (X)	Width (Y)	Height (Z)
7A	1-2129333-1		Receptacle	Yellow	N	Cable	N/A	16.2	17	6.5
	1-2129333-2		Receptacle	Black	N	Cable	N/A	16.2	17	6.5
	1-2129345-1		Receptacle	Yellow	Y	DIP	1.4mm	15.1	16.2	6.5
	1-2129345-2		Receptacle	Yellow	Y	DIP	1.2mm	15.1	16.2	6.5
	2-2129345-1		Receptacle	Black	Y	DIP	1.2mm	15.1	16.2	6.5
	2129516-1		Receptacle	Black	Y	Cable	N/A	16.2	15.6	6.5
10.7A	1-2129458-1		Receptacle	Black	Y	DIP	1.4mm	15.1	14.25	6.5
	1-2129458-2		Receptacle	Black	Y	DIP	1.2mm	15.1	14.25	6.5
	2129567-1		Receptacle	Black	Y	Cable	N/A	15.1	17	6.5
	1-2129334-1		Plug	Yellow	Y	Cable	N/A	11.9	23.7	4.65

Non preferred pn

Recommended PCB layout



RECOMMENDED P.C.BOARD PATTERN LAYOUT (TOP VIEW)
TOLERANCE: ± 0.05 (THICKNESS=0.8mm)

Availability

All parts are available and in mass production from Guangdong

Customization can be discussed if needed (keying)

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