

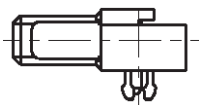
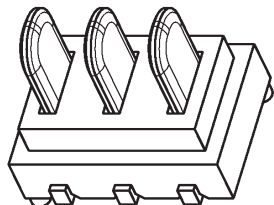
2.0 mm Pitch Battery Assemblies

2.0 mm Pitch Plug Assemblies

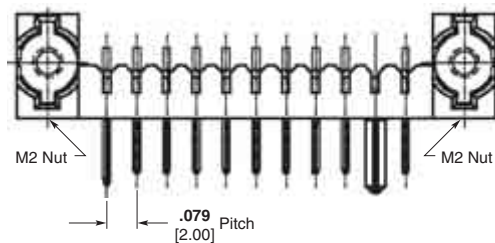
Material and Finish

Housing — Black thermoplastic resin, UL 94V-0 rated

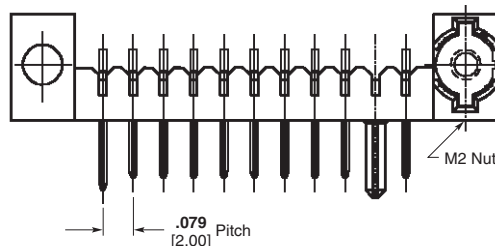
Contacts — High conductivity copper alloy, gold plating



Retention Leg
(Part Number 1827654-1 Feature)



2 mm Plug Assembly with Nut Plates



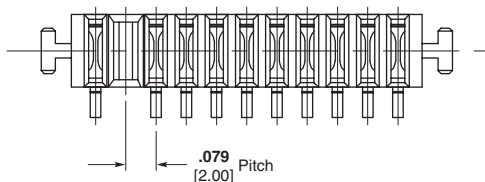
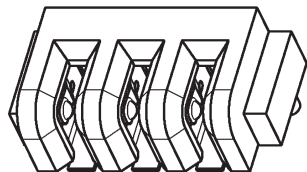
2 mm Plug Assembly with Nut Plate (One Side)

2.0 mm Pitch Receptacle Assemblies

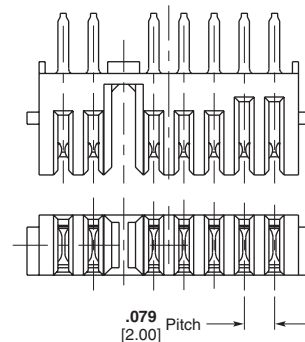
Material and Finish

Housing — Black thermoplastic resin, UL 94V-0 rated

Contacts — High conductivity copper alloy, gold plating



2.0 mm Receptacle Assembly,
Surface-Mount



2.0 mm Receptacle Assembly,
Through Hole Mount

Note: All part numbers are RoHS compliant. Tin-lead versions are available upon request.

2.0 mm Pitch Multi-Directional Interconnection (MDI) Systems

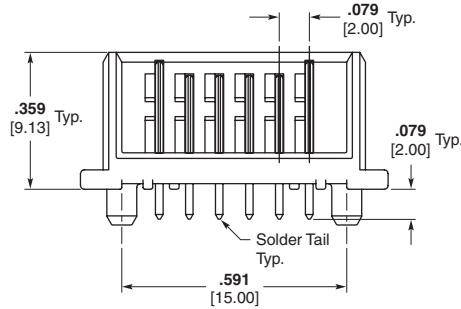
6-Position Multi-Directional Headers

Material and Finish

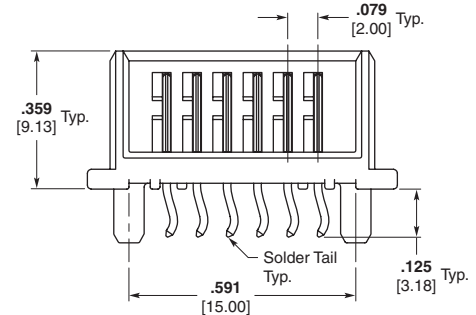
Housing — Black liquid crystal polymer, UL 94V-0 rated

Contacts — Brass, plated .000030 [0.00076] min. gold on mating area, .00015 [0.0038] min. tin on solder tail, all over .000050 [0.00127] min. nickel

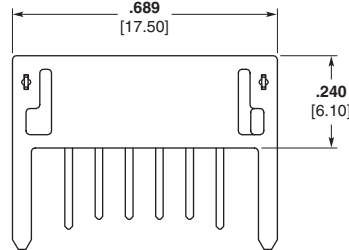
Mount Type	Boardlocks	Part Number	Special Features
Through Hole	With	5146877-1	Sequenced contacts
Retention Tails	Without	5787252-1	
Straight Solder		5787531-1	Sequenced contacts



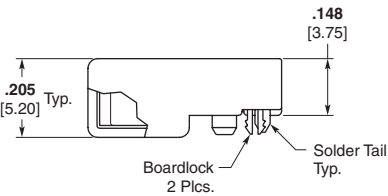
Part Number 5787531-1
Straight Solder Tails



Part Number 5787252-1
Below-the-Board Retention Tails



Part Number 5146877-1



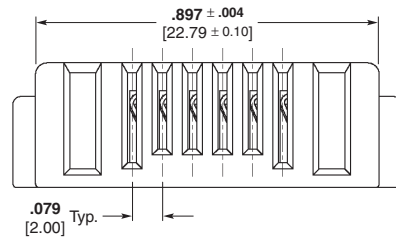
6-Position Multi-Directional Receptacles

Material and Finish

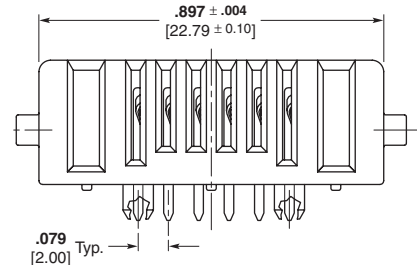
Housing — Black liquid crystal polymer, UL 94V-0 rated

Contacts — Phosphor bronze, plated .000030 [0.00076] min. gold on mating area, .00015 [0.0038] min. tin on solder tail, all over .000050 [0.00127] min. nickel

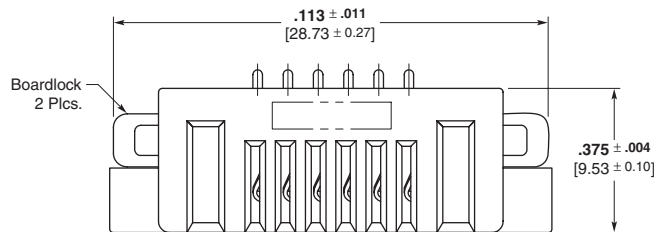
Mount Type	Boardlocks	Part Number
Surface-Mount	With	5787090-1
Through Hole	Without	5787253-1
		5787526-1



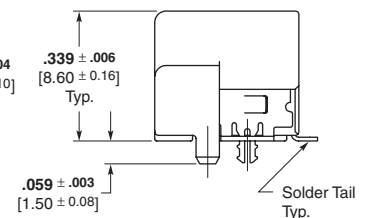
Part Number 5787253-1
Through Hole Mount



Part Number 5787526-1
Through Hole Mount



Part Number 5787090-1
Surface-Mount with Boardlocks



Note: All part numbers are RoHS compliant.

2.5 mm Pitch Battery Assemblies

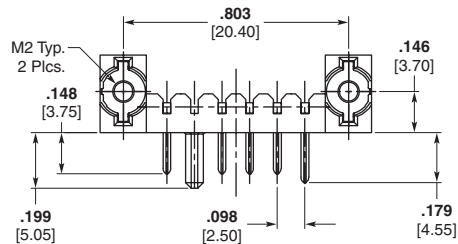
2.5 mm Pitch Plug Assemblies

Material and Finish

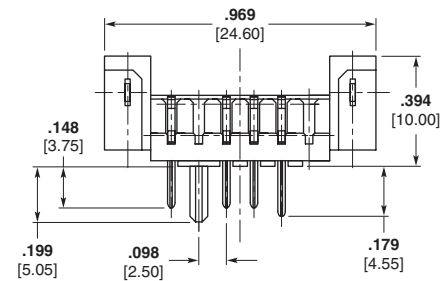
Housing — Black thermoplastic resin, UL 94V-0 rated

Contacts — High conductivity copper alloy, gold plating

No. of Positions	Mount Type	Mount Angle	Part Number	Special Features
4	Through Hole	Right-Angle Offset	6123987-1	M2 Nut Plate
	Through Hole	Right-Angle Offset	6123978-1	
5	Through Hole	Right-Angle On Board	6376042-2	M2 Nut Plate
	Through Hole	Right-Angle On Board	9-1612503-1	
	Through Hole	Right-Angle Offset	6318792-1	
	Through Hole	Vertical	6473451-1	
6	Through Hole	Right-Angle Offset	6318977-3	M2 Nut Plate
7	Through Hole	Right-Angle On Board	6318573-4	
	Through Hole	Right-Angle On Board	1747602-1	M2 Nut Plate
8	Through Hole	Right-Angle On Board	1717445-2	
10	Through Hole	Right-Angle On Board	6123738-7	
	Through Hole	Right-Angle On Board	1123822-7	M2 Nut Plate
	Through Hole	Right-Angle On Board	1123684-7	One Side M2 Nut Plate
	Through Hole	Right-Angle Offset	6473539-7	M2 Nut Plate



Part Number 6376042-2
Right-Angle On Board Assembly
with Nut Plate



Part Number 6123978-1
Right-Angle Offset Assembly

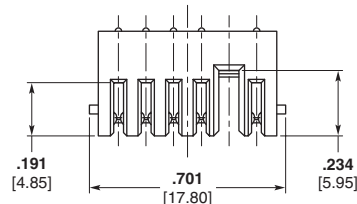
2.5 mm Pitch Receptacle Assemblies

Material and Finish

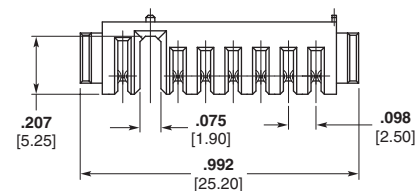
Housing — Black thermoplastic resin, UL 94V-0 rated

Contacts — High conductivity copper alloy, gold plating

No. of Positions	Mount Type	Mount Angle	Part Number
4	Through Hole	Right-Angle	6123981-1
5	Through Hole	Right-Angle	6318430-2
	Surface-Mount	Right-Angle	1612504-1
6	Surface-Mount	Vertical	1123688-3
7	Surface-Mount	Vertical	1318574-4
8	Through Hole	Vertical	1717478-1
	Through Hole	Right-Angle	1717620-1
10	Surface-Mount	Vertical	1123688-7
	Through Hole	Vertical	1674231-1



Part Number 6318430-2
Right-Angle Through Hole Mount

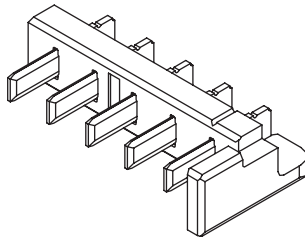


Part Number 1318574-4
Vertical Surface-Mount

Note: All part numbers are RoHS compliant.

5.0 mm Pitch Battery Plug Assemblies

5.0 mm Pitch Right-Hand Key Plug Assemblies

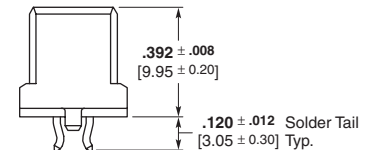
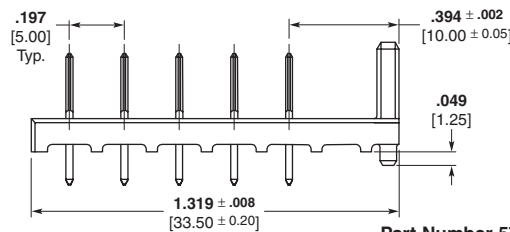


Material and Finish

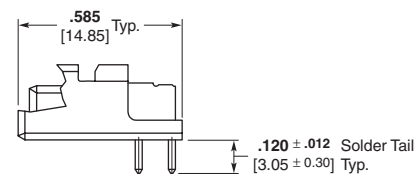
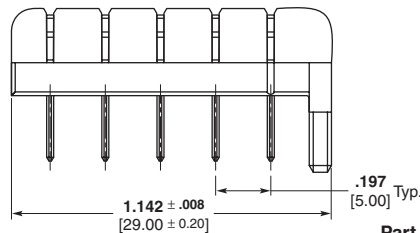
Housing — Polyphthalamide, UL 94V-0 rated, black

Contacts — Brass, plated .000100 [0.00254] min. tin on solder tail over .000075 [0.00190] min. nickel overall

Voltage	Mount Type	Mount Angle	Part Number
12.0	Retentive Solder	Right-Angle	5787424-1
	Straight Solder	Right-Angle	5787422-1
	Straight Solder	Vertical	5787430-1
10.8	Retentive Solder	Vertical	5787421-1
	Straight Solder	Vertical	5787419-1
7.2	Retentive Solder	Right-Angle	5787141-1
	Straight Solder	Vertical	5787334-1
	Straight Solder	Right-Angle	5787142-1

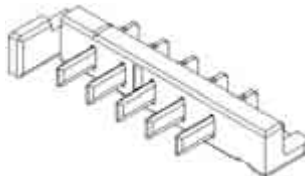


Part Number 5787421-1
Vertical Assembly with Retentive Tails



Part Number 5787142-1
Right-Angle Assembly with Straight Tails

5.0 mm Pitch Left-Hand Key Plug Assemblies

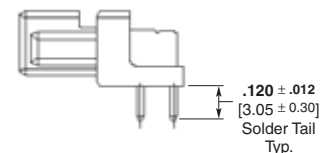
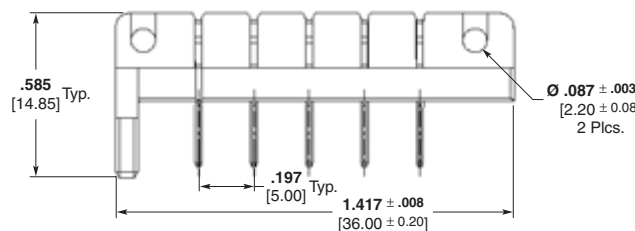


Material and Finish

Housing — Polyphthalamide, UL 94V-0 rated, black

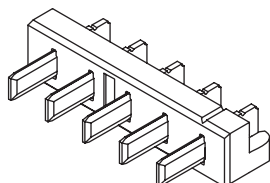
Contacts — Brass, plated .000100 [0.00254] min. tin on solder tail over .000075 [0.00190] min. nickel overall

Voltage	Mount Type	Mount Angle	Part Number	Special Features
12.0	Straight Solder	Right-Angle	5787428-1	Mounting Holes
10.8	Retentive Solder	Right-Angle	5787418-1	
	Straight Solder	Right-Angle	5787246-1	



Part Number 5787428-1
Right-Angle Assembly with Mounting Holes

5.0 mm Pitch Keyless Plug Assemblies

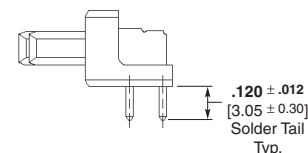
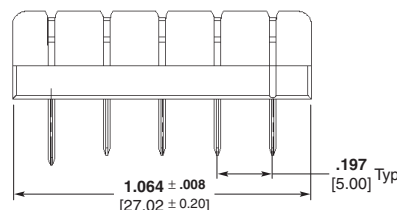


Material and Finish

Housing — Polyphthalamide, UL 94V-0 rated, black

Contacts — Brass, plated .000100 [0.00254] min. tin on solder tail over .000075 [0.00190] min. nickel overall

Voltage	Mount Type	Mount Angle	Part Number	Special Features
N/A	Straight Solder	Right-Angle	5787441-1	
	Retentive Solder	Right-Angle	5787443-1	
	Straight Solder	Right-Angle	5796078-1	Sequenced Contacts
	Retentive Solder	Vertical	5787446-1	
	Straight Solder	Vertical	5787444-1	



Part Number 5796078-1
Right-Angle Assembly with
Straight Tails & Sequenced Contacts

Note: All part numbers are RoHS compliant.

5.0 mm Pitch Battery Receptacle Assemblies

5.0 mm Pitch Right-Hand Key Receptacle Assemblies

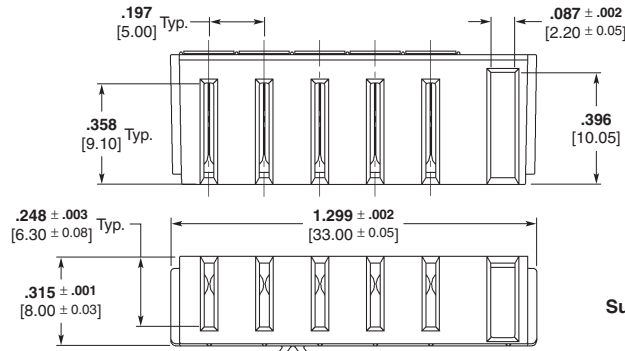
Material and Finish

Housing — Black polycarbonate, UL 94V-0 rated

Contacts — Copper alloy, plated .000075 [0.00190] min. nickel

Voltage	Mount Type	Part Number
12.0	Surface-Mount	787439-1
	Weld Tabs	787615-1
10.8	Weld Tabs	787614-1

Note: All receptacles include a dovetail locator.



Part Number 787439-1
Surface-Mount Receptacle

5.0 mm Pitch Left-Hand Key Receptacle Assemblies

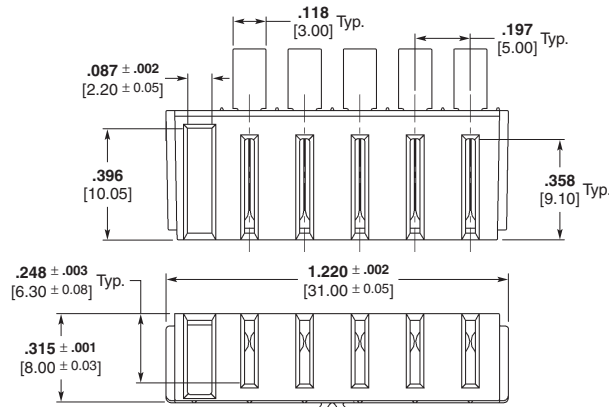
Material and Finish

Housing — Black polycarbonate, UL 94V-0 rated

Contacts — Copper alloy, plated .000075 [0.00190] min. nickel

Voltage	Mount Type	Part Number
7.2	Solder Tail	5787590-1
	Surface-Mount	787328-1
	Weld Tab	787613-1

Note: All receptacles include a dovetail locator.



Part Number 787613-1
Weld Tab Receptacle

5.0 mm Pitch Keyless Receptacle Assemblies

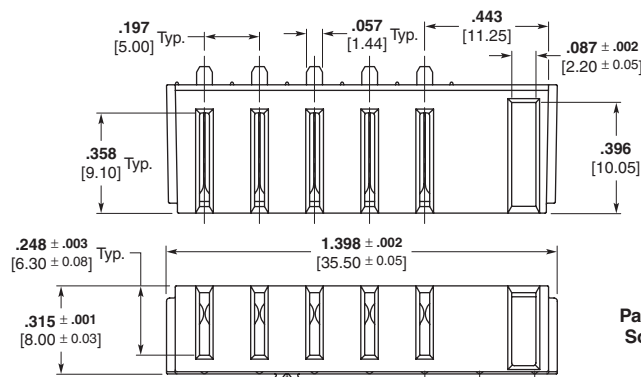
Material and Finish

Housing — Black polycarbonate, UL 94V-0 rated

Contacts — Copper alloy, plated .000075 [0.00190] min. nickel

Voltage	Mount Type	Part Number
N/A	Solder Tail	5787802-1
	Surface-Mount	146845-1

Note: All receptacles include a dovetail locator.



Part Number 5787802-1
Solder Tail Receptacle

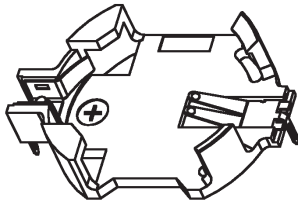
Note: All part numbers are RoHS compliant.

Coin Cell Battery Holders

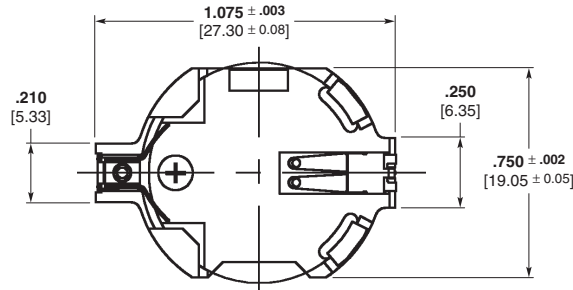
Horizontal Mount Battery Holders

Material and Finish

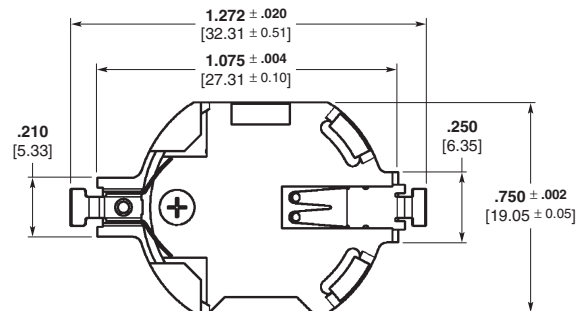
Housing — Black thermoplastic resin,
UL 94V-0 rated



Mount Type	Part Number	Special Features
Surface-Mount	796136-1	
Through Hole	1734178-1	Flexible housing for easy removal
	120591-1	



Part Number 120591-1
Through Hole Mount

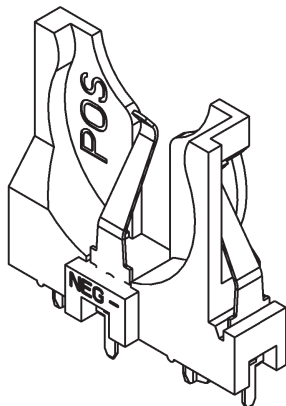


Part Number 796136-1
Surface-Mount

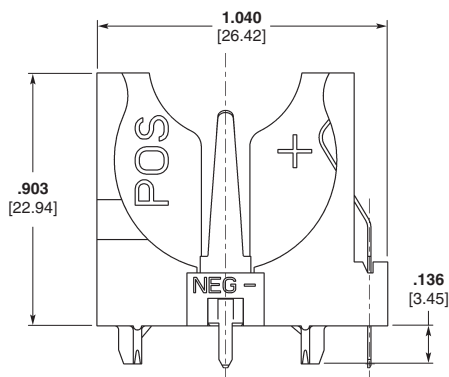
Vertical Mount Battery Holders

Material and Finish

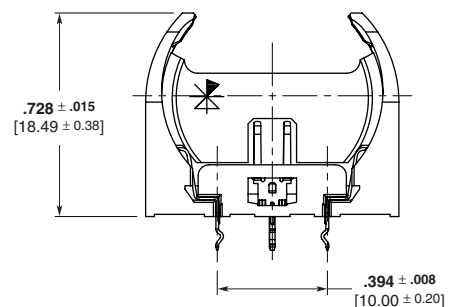
Housing — Black thermoplastic resin,
UL 94V-0 rated



Mount Type	Part Number	Special Features
Through Hole	6339488-1	
	1775485-1	Low Profile



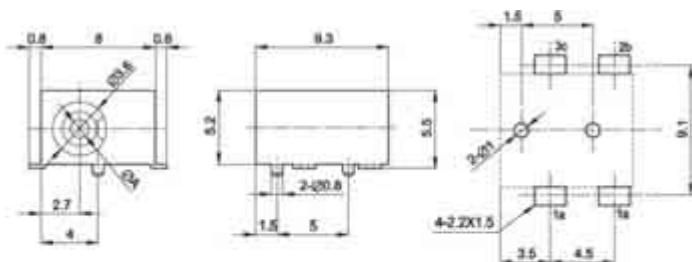
Part Number 6339488-1



Part Number 1775485-1
Low Profile

Note: All part numbers are RoHS compliant.

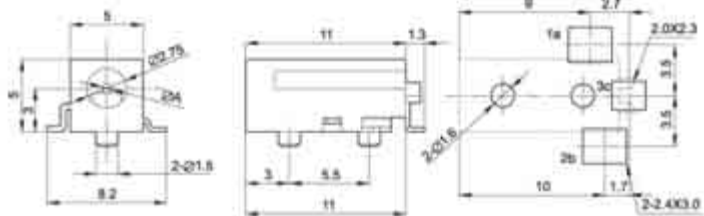
- **Low Profile Design**
- **Accepts industry standard DC power plugs**
- **Available with:**
 - Solder tabs
 - Through-hole solder tails
 - SMT leads
- **Available to accept these plug sizes:**
 - 0.65 mm
 - 1.0 mm
 - 1.3 mm
 - 1.47 mm
 - 1.87 mm
 - 2.0 mm
 - 2.35 mm
 - 2.5 mm
- **Ideal for portable electric devices**



Bottom View

CENTER PIN DIAMETER: 2A	1.3 DIA
SCHEMATIC	

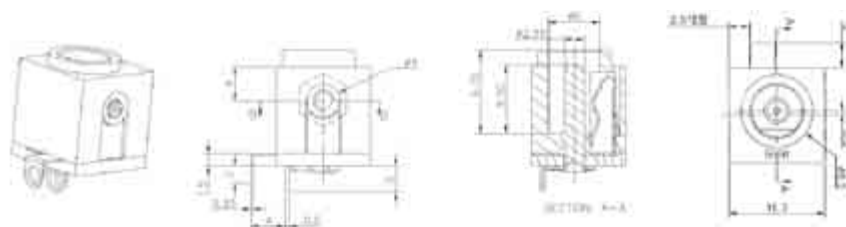
Pin Diameters — 0.65 mm and 1.3 mm



Bottom View

CENTER PIN DIAMETER: 0.65 DIA	1u 3c 2b
SCHEMATIC	

Part Number 1470390-1



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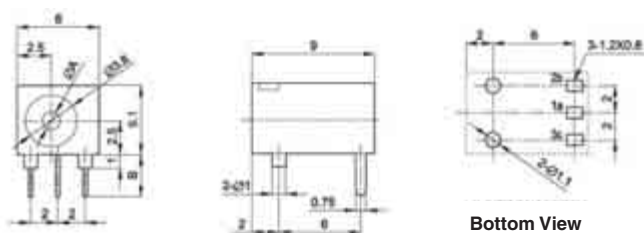
DC Power Jacks (Continued)

Right-Angle DC Jacks

Miniature Jacks

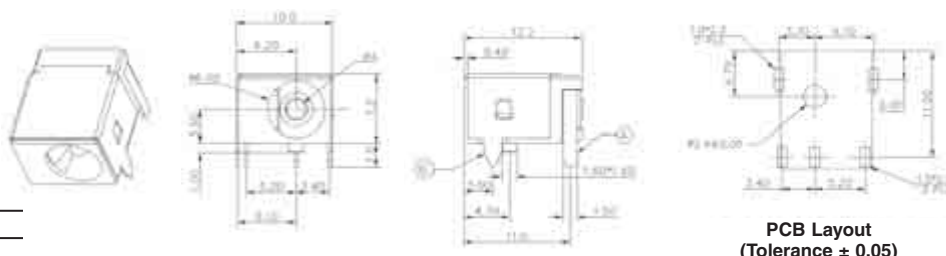
For specific part numbers, contact
Tyco Electronics

Center Dia.	Tail Length	Part Number
1.30	3.00	1775529-1
	1.50	1775529-2
1.00	3.00	1-1775529-1
	1.50	1-1775529-2



CENTER PIN DIAMETER=ØA	1.3 DIA		1.0 DIA		1.3 DIA	
	3.0mm	1.5mm	3.0mm	1.5mm	3.0mm	1.5mm
Ø LENGTH						
SCHEMATIC						

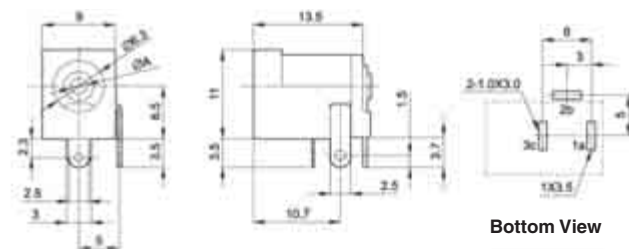
Shielded Jack



Dia. A	N.W. (q)	Part Number
2.0	1.8	1734894-1
2.5	2.0	1734894-2

Standard Jacks

Center Diameter	Part Number
2.00	1775069-1
2.35	1775069-2
2.50	1775069-3

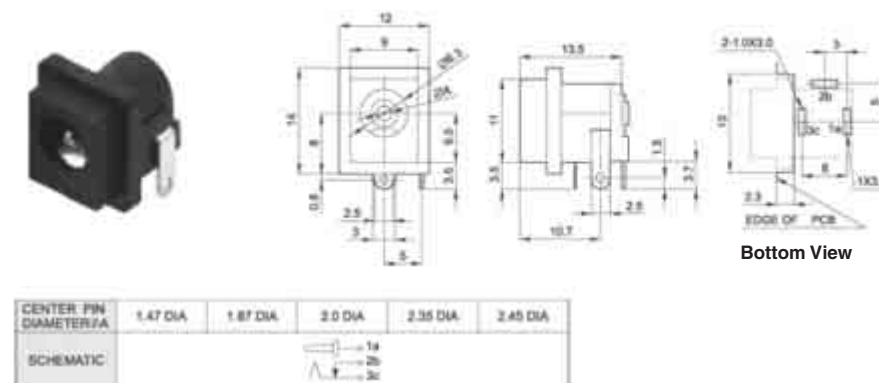


CENTER PIN DIAMETER	1.35 DIA.	1.47 DIA.	1.7 DIA.	1.87 DIA.	2.0 DIA.	2.2 DIA.	2.35 DIA.	2.5 DIA.
SCHEMATIC								

Standard Jack — Recessed Flange

For specific part numbers, contact
Tyco Electronics

Center Diameter	Part Number
1.47	1775637-1
1.87	1775637-2
2.00	1775637-3
2.35	1775637-4
2.45	1775637-5



Note: All part numbers are RoHS compliant.