



Micro Power

Mini Power

Overview:

- Positive housing locks
 - Prevents accidental disconnects
- Polarized housing/receptacles
 - Prevents accidental mis-mating
- Terminals are fully isolated
- Contact area plating offered in tin & gold
- Provides design flexibility
 - Offering circuit sizes 2 - 24

Micro Power:

- Compact power connector
 - Current rating of 5A
- Through-hole & SMT options
- Single row/dual row option
- Keyed Silos
- High-temperature, LCP housing
 - Available in 94V-0

Micro Power Plus:

- Current rating raised to 12A
- Micro Power footprint & outer dimensions
- Specialized fool-proof key
 - Prevents accidental insertion

Mini Power:

- Made for high current & density applications
- Ideal for power applications up to 9A/circuit
- Single row/dual row option
- Vertical & right angle pin headers
- With & without boardlock option
- High-temperature NY9T, LCP housing
 - Available in 94V-0 & 94V-2

Applications:

- **Aerospace:**
 - Military Commercial Off-the-Shelf
- **Customer Use:**
 - Desktops
 - Freezers
 - Washing & Vending Machines
 - Printers
 - Indoor/Outdoor lighting
 - Security Systems
- **Medical:**
 - Patient Monitor
 - Diagnostic Equipment
- **Telecommunication:**
 - Hubs
 - Power Supplies & Distribution
- **Communication/Data:**
 - Routers
 - Servers
 - Storage & Networking Systems



To learn more about Micro/Mini Power connectors:

web: amphenolcanada.com

email: sales@amphenolcanada.com

Technical Characteristics:

Mechanical			Electrical		
	Micro Power	Mini Power		Micro Power	Mini Power
Insertion Force	8N max. per pin	15N max. per pin	Current Rating	5A per contact	9A per contact
Extraction Force	3.7N min. per pin	1N min. per pin	Contact Resistance	15mΩ	16mΩ
Contact Retention Force	24.5N min.	20N min.	Voltage	250V AC	600V AC

Ordering Information:

Part Number	General Description	XX Number of Circuits	Contact Finish
G881AXX102TEU*	Micro Power: wafer, 3.00mm pitch, straight PCB mount	02, 06, 10, 14, 18, 24	Tin overall
G881AXX102T3EU	Micro Power: wafer, 3.00mm pitch, straight DIP without kink	02, 06, 10, 14, 18, 24	Tin overall
G881AXX001TEU	Micro Power: wire to board wafer, 3.00mm pitch, R/A PCB mount	02, 06, 10, 14, 18, 24	100μ" matte tin overall
G881HXX22CEU	Micro Power: 3.0mm pitch, dual rows housing crimping type	02, 06, 10, 14, 18, 24	
G881HXX21C3HR	Micro Power: 3.0mm pitch, single row housing crimping type	02, 03, 04 ... 10, 11, 12	
G881BXX102KEU	Micro Power: wafer, 3.00mm pitch, straight S/R with kink type	02, 03, 04 ... 10, 11, 12	Tin overall
G88MPBXX002C1EU	Micro Power Plus: 3.0mm pitch, S/R R/A DIP type	02, 03, 04 ... 10, 11, 12	
G88MPXX102CEU	Micro Power Plus: wafer, 3.00mm pitch, straight DIP with block	02, 06, 10, 14, 18, 24	Matte tin overall under plating nickel 50μ" thickness min.
G88MPXX102KEU	Micro Power Plus: wafer, 3.00mm pitch, straight DIP with kink block	02, 06, 10, 14, 18, 25	
G874DXX1202CEU	Mini Power: 4.2mm pitch, header straight DIP type	02, 06, 10, 14, 18, 26	100μ" tin overall
G881CO232CEU	Micro Power: terminal, 3.0mm pitch, wire size AWG#20-24		

* 10-circuit products in this series have a part number of G881A10122TEU

