

Micro USB Products

In order to cater the trend of slimmer design of the mobile devices, ACON provides a complete product line for micro USB, which is the new specification initiated by USBIF.



Micro USB not only provides smaller size solution but also supports 5Gbps transmission.

Based on the experience in design & initiate in mini USB specification, ACON had considered different mechanism requirements to come out with the design which can fit in customer's demand.

ACON's Micro USB products will be your best choice for catering the upcoming trend of ultra-slim & sleek design in mobile devices.

Application

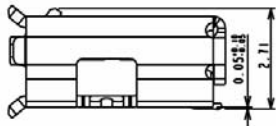
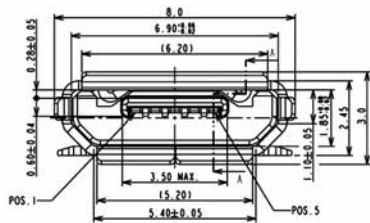
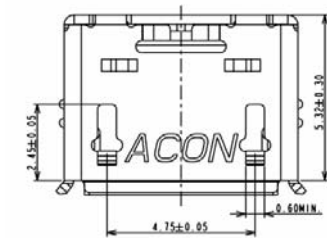
- Mobile Phone
- MP3 Player
- PMP
- Digital Still Camera

Product Specification

Durability	10,000 times
Mating Force	35N Maximum
Unmating Force	8N Minimum
Current Rating	Pin2, 3 & 4: 1 Amp (Minimum) Pin1 & 5: 1.8 Amp
Contact Resistance	Initial: 30m Ω Maximum After: 40m Ω Maximum
Insulation Resistance	Initial: 100 M Ω min. After: 100 M Ω min.

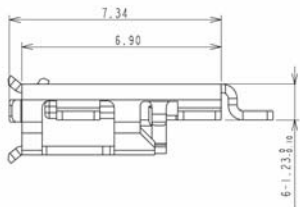
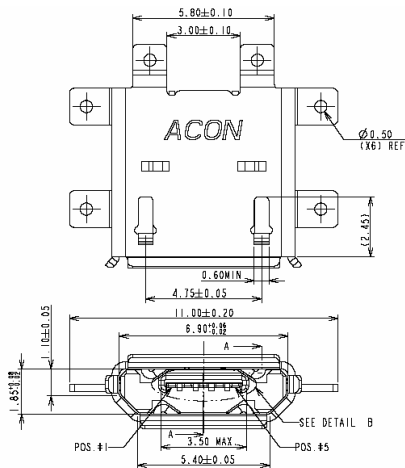
MUC44-5K7700

Type: Receptacle, B type, Normal type



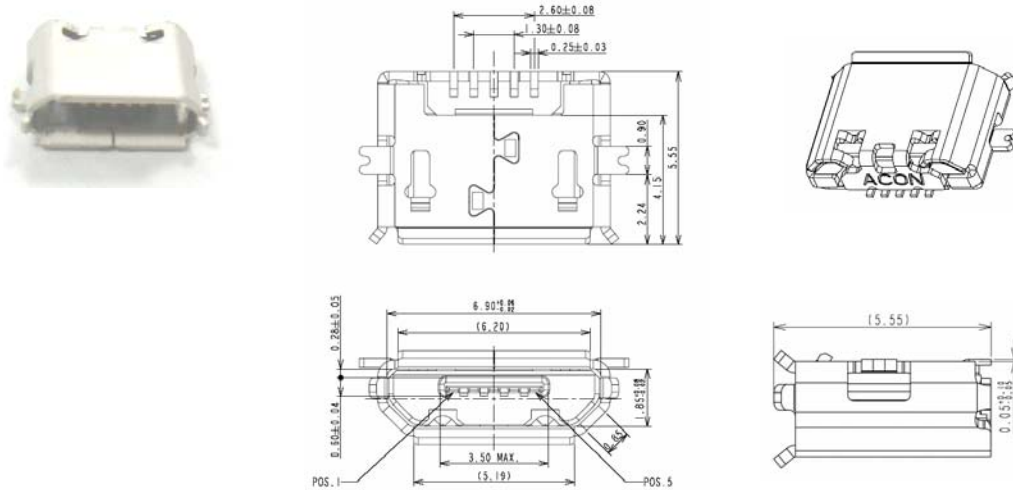
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Type: Receptacle, B type, Middle Mount



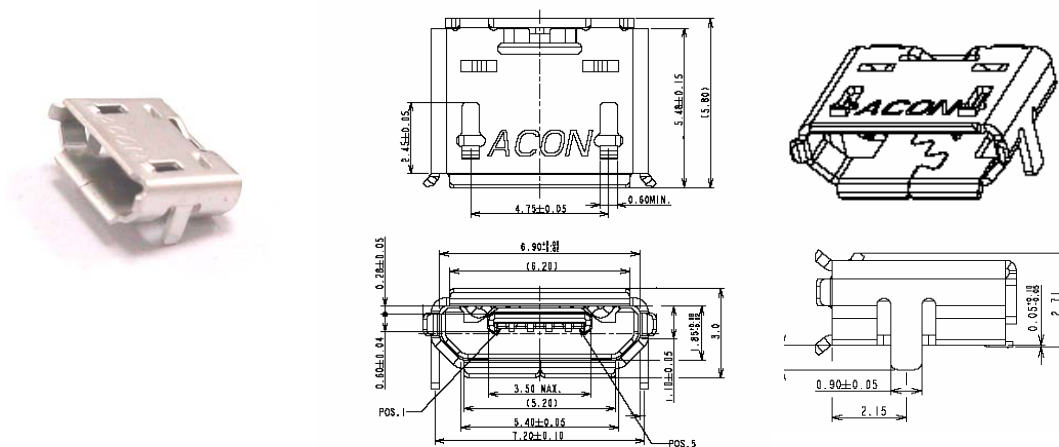
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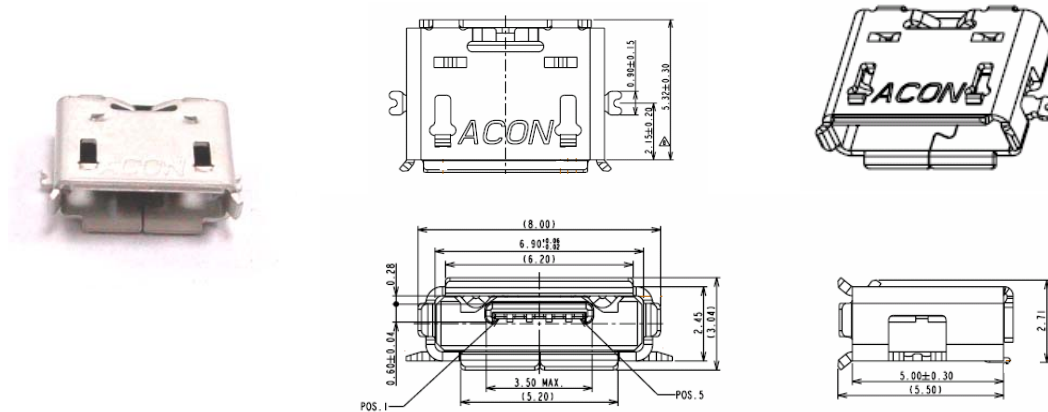
Type: Receptacle, B type, Reverse type



MUC42-5K7700

Type: Receptacle, B type, Dip Type, Normal type

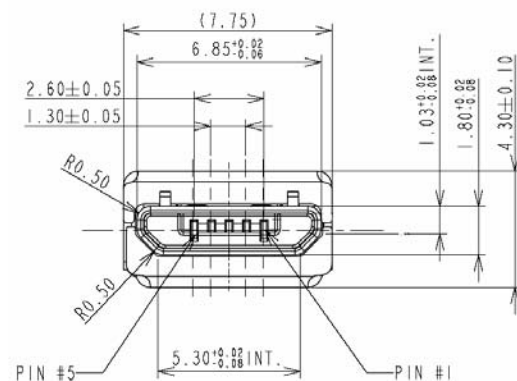
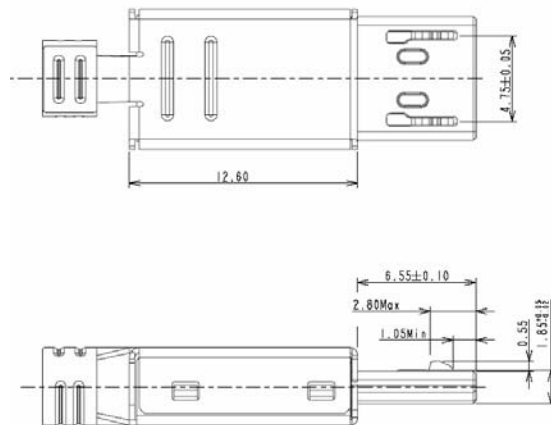


MUE44-5G7700**Type: Receptacle, AB type, Normal type****Feature & Benefit of ACON's Micro USB Receptacle**

Feature	Benefit
Stainless Steel Shell	Provides high durability & strength
Lead-in Feature	Better blind mating
Latch Locker	Provides stronger locking force to prevent plug dropping off from receptacles
Notch Design	Prevents plastic housing being pushed out by plug during impact
Rear Cover	Prevents relevant EMI issue
Multiple Soldering Areas	Provides high retention force on PCB
Green Material	Environmental protection

MUC35-5K5000

Type: Plug, B type, Ultra-Slim Design



Feature & Benefit of ACON's Micro USB Receptacle

Feature	Benefit
Stainless Steel Shell	Provides high durability
Ultra Slim Design	Tiny overmold size matches the slim & tiny portable device design.
Robust Mechanism Design	Strict rotary pull test compliance which provides reliable data transmission
Green Material	Environmental protection

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