



## Introducing UV-Resistant Sealed Circular Plastic Connectors (CPC)

### NOW OFFERING HOUSINGS WITH UL F1 RATED MATERIAL & ENVIRONMENTAL SEALING

The new Sealed CPC using UL F1-rated resin is ideal for UV resistance in outdoor applications. The UL F1 rating meets industry standards for long-term UV exposure, making the housings suitable for outside applications where parts are subject to frequent or extended periods of exposure to sun light. The new CPC is sealed to IP67 with no additional enclosure needed to protect the mated connector from water exposure, making it easier to install and lowering the cost of installation. The circular configuration requires less space than a rectangular-style connector with an equal number of contacts for an efficient use of space on your equipment.

Receptacle and plug housings accept Type III+ signal contacts and/or AMP POWERBAND (size 8) contacts. The housings come in three series designed to handle standard signal, power with current up to 50A per contact and combinations of signal and power in the same housing. All housing variations include sealing to IP67. Mounting options include panel mount, free-hanging and wire-to-board.



## UV-Resistant Sealed Circular Plastic Connectors (CPC)



### KEY FEATURES

- F1 rated material withstands UV exposure per industry standards, prolonging equipment life
- IP67 sealing capability allows equipment usage in wet locations without added cost of supplemental enclosure
- Circular design maximizes contact density, lowering equipment space requirements for power and signal interconnections

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### APPLICATIONS

- Outdoor applications with UV and water exposure; such as Alternative Energy & Wireless Transmission

### MECHANICAL

- Sealing capability per IP67 rating

### ELECTRICAL

- UL Voltage Rating
  - Series 1 & 6 - 600 V (AC or DC)
  - Series 5 - 250 V (AC or DC)

### MATERIALS

- Rated F1 per UL requirements for UV resistance
- Flammability Rating: UL 94V-0 rated

### SPECIFICATIONS

- UL recognized (File No. E28476)

### PRODUCT OFFERING

Part Number	Description
<b>SERIES 1: SIGNAL</b>	
1977876-1	Panel Mount Receptacle Housing, 11-4, Standard Sex
1977877-1	Free Hanging Receptacle Housing, 11-4, Standard Sex
1977878-1	Plug Housing, 11-4, Standard Sex
1977879-1	Panel Mount Receptacle Housing, 11-4, Reverse Sex
1977880-1	Free Hanging Receptacle Housing, 11-4, Reverse Sex
1977881-1	Plug Housing, 11-4, Reverse Sex
1977882-1	Panel Mount Receptacle Housing, 13-9, Standard Sex
1977883-1	Free Hanging Receptacle Housing, 13-9, Standard Sex
1977884-1	Plug Housing, 13-9, Standard Sex
1977885-1	Panel Mount Receptacle Housing, 23-37, Standard Sex
1977886-1	Free Hanging Receptacle Housing, 23-37, Standard Sex
1977887-1	Plug Housing, 23-37, Standard Sex
<b>SERIES 5: POWER</b>	
1977888-1	Panel Mount Receptacle Housing, 17-3, Reverse Sex
1977889-1	Plug Housing, 17-3, Reverse Sex
<b>SERIES 6: POWER &amp; SIGNAL (HYBRID)</b>	
1977890-1	Panel Mount Receptacle Housing, 23-16, Standard Sex
1977891-1	Free Hanging Receptacle Housing, 23-16, Standard Sex
1977892-1	Plug Housing, 23-16, Standard Sex

Samples available via TE.com

te.com/products/circularplasticconnectors



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С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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