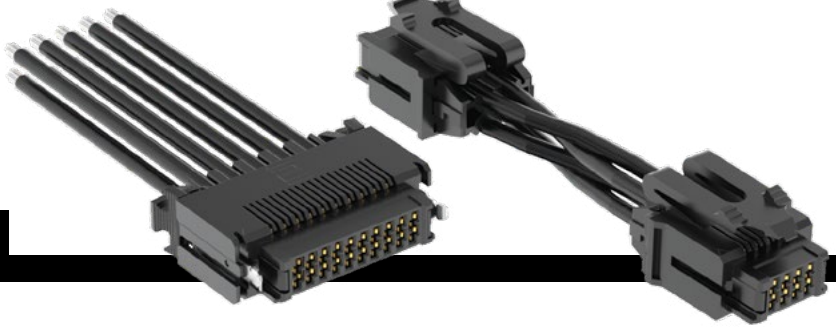


## ULTRA MICRO POWER CABLE



SERIES	NO. OF POSITIONS	PLATING OPTION	WIRE GAUGE	LATCH OPTION	LENGTH	PINOUT
<b>UMPC</b> = Ultra Micro PVC Cable	<b>-02, -03, -04, -05, -06, -07, -08, -09, -10</b>	<b>-L</b> = 10 μ" (0.25 μm) Gold on contact, Tin on tail	<b>-16</b> = 16 AWG	(Latching required)	<b>-"XX.X"</b> = Assembled Length in Inches Single ended = (76.2 mm) 03.0" min. Double ended = (101.6 mm) 04.0" min. (2-4 positions) Double ended = (127.0 mm) 05.0" min. (5-10 positions)	(Leave blank for Single ended)
<b>UMPCT</b> = Ultra Micro Blue *Teflon® Cable		<b>-S</b> = 30 μ" (0.76 μm) Gold on contact, Tin on tail	<b>-16C</b> = Color Coded Cable (UMPC only)	<b>-P</b> = Plastic top latch		<b>-1</b> = Pin 01 to Pin 01
		<b>-T</b> = Tin	<b>-18</b> = 18 AWG	<b>-M</b> = Metal side latches		<b>-2</b> = Pin 01 to Pin N
			<b>-18C</b> = Color Coded Cable (UMPC only)			

UMPCT PRELIMINARY

### UMPC(T)

Board Mates:

UMPT

(Plastic (-P) or metal (-M) latch required)

### SPECIFICATIONS

**Insulator Material:**

Black LCP

**Contact Material:**

Copper Alloy

**Plating:**

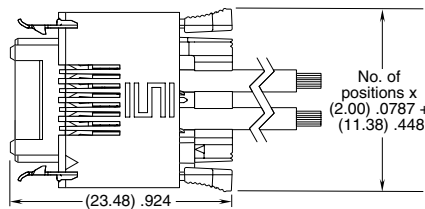
Sn or Au over 50 μ" (1.27 μm) Ni

**Wire:**

16 or 18 AWG

**Voltage Rating:**

300V PVC



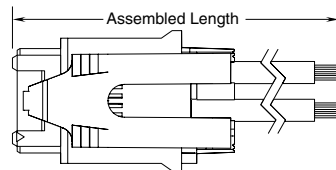
UMPC-04-X-XX-M-XX.X SHOWN

### UMPC/UMPT (TIN PLATING)

PINS	CURRENT RATING (PER CONTACT)
1	16.8 A
2	14.6 A
3	12.6 A
4	11.6 A
10	8.8 A

### CABLE COLOR CODING

PIN	COLOR
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	VIOLET
8	GRAY
9	WHITE
10	BLACK



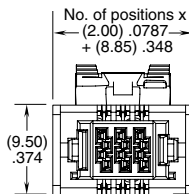
UMPC-03-X-XX-P-XX.X SHOWN

\*DuPont™ Teflon® is a registered trademark of the E.I. du Pont de Nemours and Company or its affiliates.

**Note:** For wiring option information refer to drawings on web.

### UMPC CABLE HOLDER (Required for use with IMPC)

SERIES	NUMBER OF POSITIONS	LEAD STYLE
IMPC	-02, -03, -04, -05, -06, -07, -08, -09, -10	01 = 16 AWG
		02 = 18 AWG



View complete specifications at: [samtec.com?UMPC](http://samtec.com?UMPC) & [samtec.com?UMPT](http://samtec.com?UMPT)

### IMPC

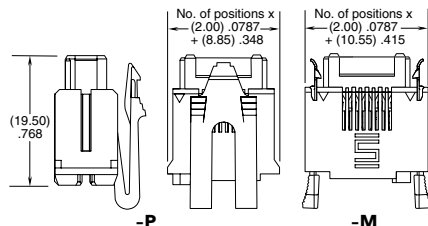
### NO. OF POSITIONS

**-02, -03, -04, -05, -06, -07, -08, -09, -10**

### LATCH OPTION

**-P**  
= Plastic top latch

**-M**  
= Metal side latches



### CC489

### 01

### PLATING

**-L**  
= 10 μ" (0.25 μm) Gold on contact, Tin on tail

**-S**  
= 30 μ" (0.76 μm) Gold on contact, Tin on tail

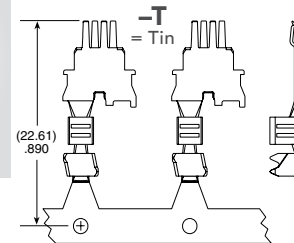
**-T**  
= Tin

### PACKAGING

**-R**  
= Contact, Full Reel

**-M**  
= Contact, Mini Reel

**-B**  
= Bubble Bag (35 Parts)



### TOOLING

Hand Tool: CAT-HT-489-1618-13

Mini Applicator: CAT-MC-489-1618-XX-01

**Note:**

Some lengths, styles and options are non-standard, non-returnable.

View complete specifications at: [samtec.com?IMPC](http://samtec.com?IMPC) & [samtec.com?CC489](http://samtec.com?CC489)

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