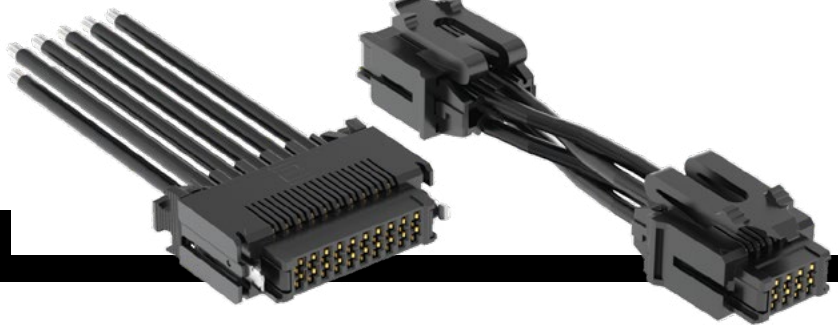


# ULTRA MICRO POWER CABLE



SERIES	NO. OF POSITIONS	PLATING OPTION	WIRE GAUGE	COLOR CODE	LATCH OPTION	LENGTH	PINOUT
UMPC = Ultra Micro PVC Cable	-02, -03, -04, -05, -06, -07, -08, -09, -10	-L = 10 μ" (0.25 μm) Gold on contact, Tin on tail	-16  -18	(Leave blank for standard wire) Not available with UMPC	-P = Plastic top latch	-"XX.X" = Assembled Length in Inches (76.20 mm) 03.00" min.	(Leave blank for single ended)  -1 = Pin 01 to Pin 01
UMPC(T) = Ultra Micro Blue *Teflon® Cable		-S = 30 μ" (0.76 μm) Gold on contact, Tin on tail		-C = Color Coded Cable (See table for coding)	-M = Metal side latches		-2 = Pin 01 to Pin N
UMPC(T) Board Mates: UMPT (Plastic (-P) or metal (-M) latch required)		-T = Tin					

UMPC(T)  
PRELIMINARY

## SPECIFICATIONS

### Insulator Material:

Black LCP

### Contact Material:

Copper Alloy

### Plating:

Sn or Au over

50 μ" (1.27 μm) Ni

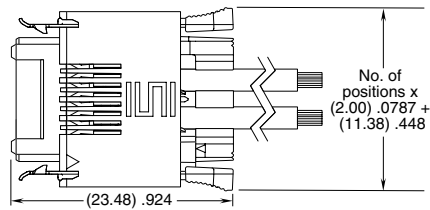
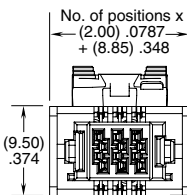
### Wire:

16 or 18 AWG

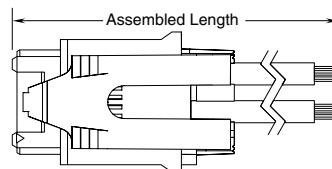
### Voltage Rating:

300V PVC

UMPC/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



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



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

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

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

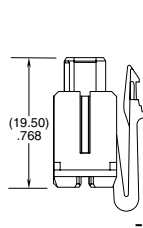
### Note:

For wiring option information refer to drawings on web.

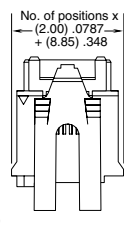
View complete specifications at: [samtec.com?UMPC](http://samtec.com?UMPC) & [samtec.com?UMPC\(T\)](http://samtec.com?UMPC(T))

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

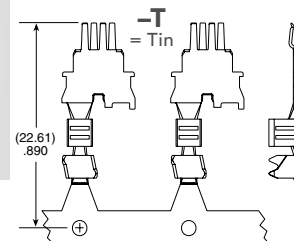
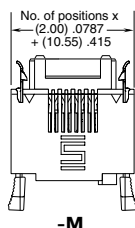
IMPC	NO. OF POSITIONS	LATCH OPTION	CC489	01	PLATING	PACKAGING
	-02, -03, -04, -05, -06, -07, -08, -09, -10	-P = Plastic top latch			-L = 10 μ" (0.25 μm) Gold on contact, Tin on tail	-R = Contact, Full Reel
		-M = Metal side latches			-S = 30 μ" (0.76 μm) Gold on contact, Tin on tail	-M = Contact, Mini Reel
					-T = Tin	-B = Bubble Bag (35 Parts)



-P



-M



## 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)

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Samtec:

[IMPCC-02-01](#) [IMPCC-02-02](#) [IMPCC-03-01](#) [IMPCC-03-02](#) [IMPCC-04-01](#) [IMPCC-04-02](#) [IMPCC-06-01](#) [IMPCC-06-02](#) [IMPCC-10-01](#) [IMPCC-10-02](#)