

ULTRA MICRO POWER CABLE



SERIES	NO. OF POSITIONS	PLATING OPTION	WIRE GAUGE	LATCH OPTION	LENGTH	PINOUT
UMPC = Ultra Micro PVC Cable UMPC(T) = Ultra Micro Blue *Teflon® Cable	-02, -03, -04, -05, -06, -07, -08, -09, -10	-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	-16 = 16 AWG -16C = Color Coded Cable (UMPC only) -18 = 18 AWG -18C = Color Coded Cable (UMPC only)	(Latching required) -P = Plastic top latch -M = Metal side latches	-"XX.X" = 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) -1 = Pin 01 to Pin 01 -2 = Pin 01 to Pin N

UMPC(T)

Board Mates:

UMPT

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

SPECIFICATIONS

Insulator Material:

Black LCP

Contact Material:

Copper Alloy

Plating:

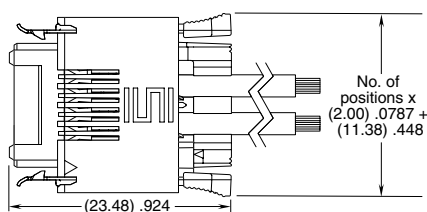
Sn or Au over 50 μ" (1.27 μm) Ni

Wire:

16 or 18 AWG

Voltage Rating:

300V PVC



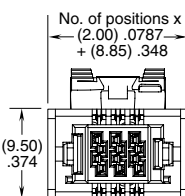
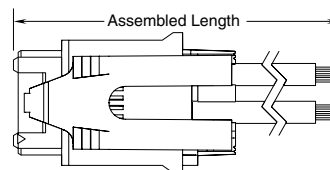
UMPC-04-X-XX-M-XX.X SHOWN

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

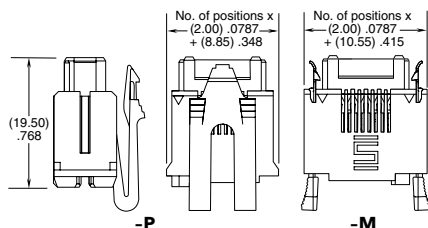
View complete specifications at: samtec.com?UMPC & [samtec.com?UMPC\(T\)](http://samtec.com?UMPC(T))

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Note:
For wiring 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



-P

-M

IMPC	NO. OF POSITIONS	LATCH OPTION	CC489	01	PLATING	PACKAGING
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-02, -03, -04, -05, -06, -07, -08, -09, -10

-P
= Plastic top latch

-M
= Metal side latches

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

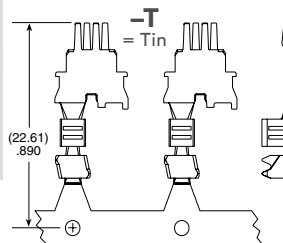
-S
= 30 μ" (0.76 μm) Gold on contact, Tin on tail

-T
= Tin

-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 & samtec.com?CC489