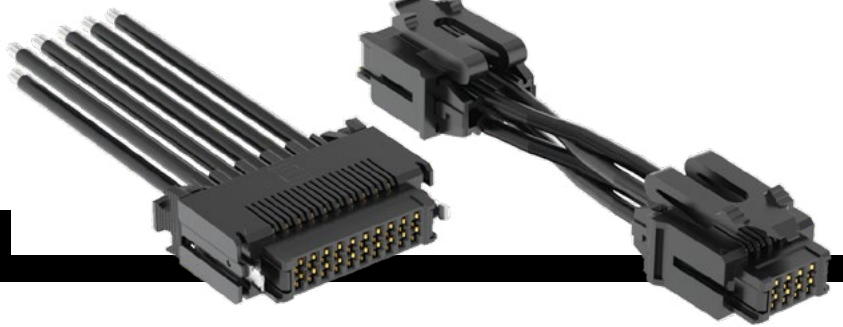


ULTRA MICRO POWER CABLE



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 UMPCT

-P
= Plastic top latch

-"XX.X"
= Assembled Length in Inches (76.20 mm) 03.00" min.

(Leave blank for single ended)

UMPCT
= Ultra Micro Blue *Teflon® Cable

UMPCT PRELIMINARY

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

-C
= Color Coded Cable (See table for coding)

-M
= Metal side latches

-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

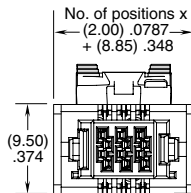
Wire:

16 or 18 AWG

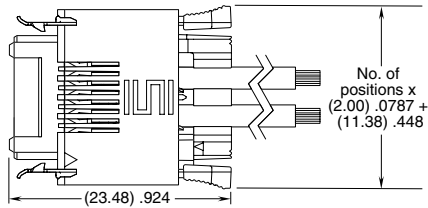
Voltage Rating:

300V PVC

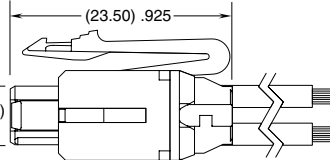
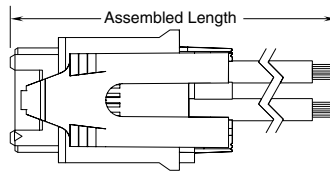
UMPC/UMPT (TIN PLATING)	
PINS	CURRENT RATING (PER CONTACT)
1	16.8 A
2	14.6 A
3	12.6 A
4	11.6 A
10	8.8 A



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



UMPC-04-X-XX-M-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.

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 & samtec.com?UMPCT

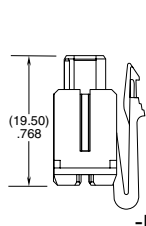
IMPC	NO. OF POSITIONS	LATCH OPTION	CC489	01	PLATING	PACKAGING
------	------------------	--------------	-------	----	---------	-----------

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

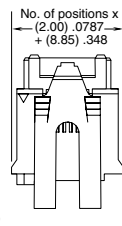
-P
= Plastic top latch

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

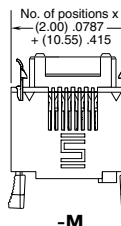
-R
= Contact, Full Reel



-P

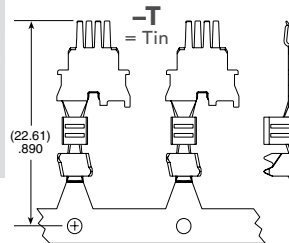


-M



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

-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

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