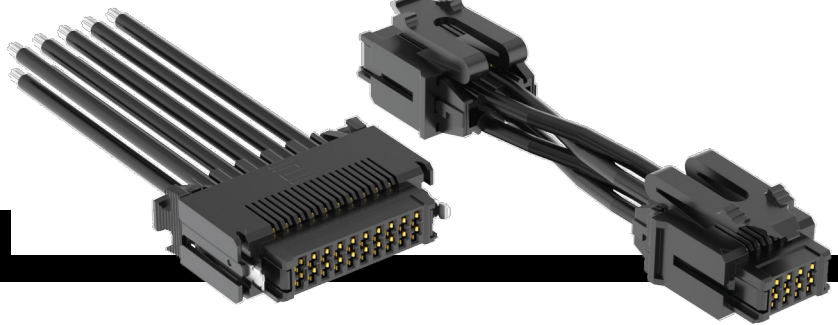


ULTRA MICRO POWER CABLE



SERIES	NO. OF POSITIONS	PLATING OPTION	WIRE GAUGE	LATCH OPTION	LENGTH	PINOUT
UMPC = Ultra Micro PVC Cable UMPC(T) = Ultra Micro Blue *Teflon™ Fluoropolymer Cable	-02, -03, -04, -05, -06, -07, -08, -09, -10	-L = 10 μ" (0.25 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 PVC Cable 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) Teflon™ Fluoropolymer Double ended = (228.6 mm) 09.0" min. (2-4 positions) Double ended = (254.0 mm) 10.0" 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:

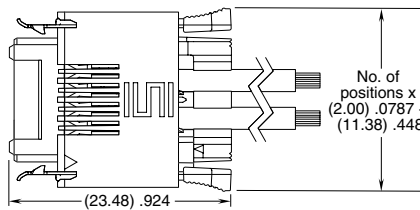
Sn or Au over 50 μ" (1.27 μm) Ni

Wire:

16 or 18 AWG

Voltage Rating:

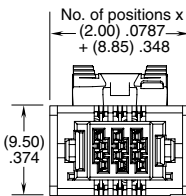
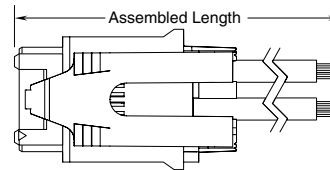
435 VAC/615 VDC



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

UMPC/UMPT (TIN PLATING)

PINS	CURRENT RATING (PER CONTACT)
1	18.1 A
2	15.8 A
3	13.5 A
4	12.2 A
10	9.2 A



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

View complete specifications at: samtec.com?UMPC & samtec.com?UMPT

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

*Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Samtec.

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

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

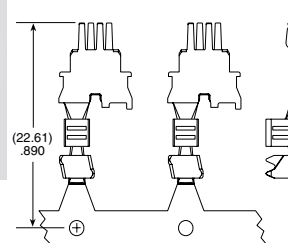
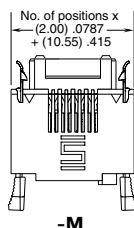
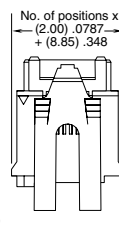
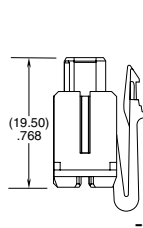
-L
= 10 μ" (0.25 μm) Gold on contact, Tin on tail

-T
= Tin

-R
= Full Reel (5,000 Contacts)

-M
= Mini Reel (1,000 Contacts)

-B
= Bubble Bag (35 Contacts)



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