mPOWER®

ULTRA MICRO POWER CABLE



SERIES	NO. OF POSITIONS	PLATING OPTION	WIRE GAUGE	LATCH OPTION	LENGTH	PINOUT
UMPC = Ultra Micro PVC Cable **UMPCT** = 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

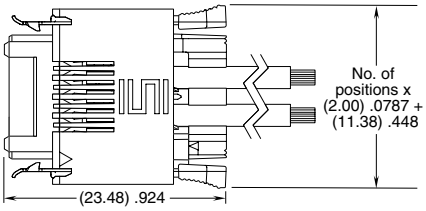
UMPC(T)
Board Mates:
UMPT
(Plastic (-P) or metal (-M) latch required)

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

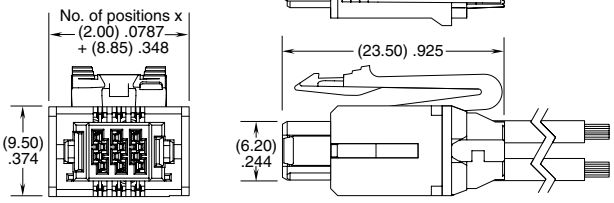
CABLE COLOR CODING	
PIN	COLOR
1	BROWN
2	RED
3	ORANGE
4	YELLOW
5	GREEN
6	BLUE
7	VIOLET
8	GRAY
9	WHITE
10	BLACK

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

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

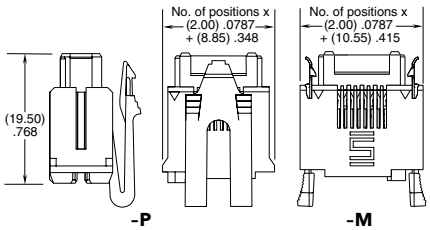
Note:
For wiring option information refer to drawings on web.

UMPC CABLE HOLDER (Required for use with IMPC)		
SERIES	NUMBER OF POSITIONS	LEAD STYLE
IMPCC	–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**

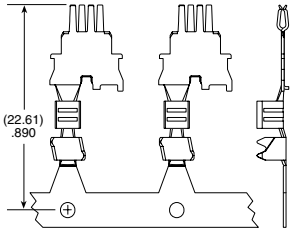
IMPC	NO. OF POSITIONS	LATCH OPTION
	–02, –03, –04, –05, –06, –07, –08, –09, –10	**–P** = Plastic top latch **–M** = Metal side latches





CC489	01	PLATING	PACKAGING
		–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**

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.