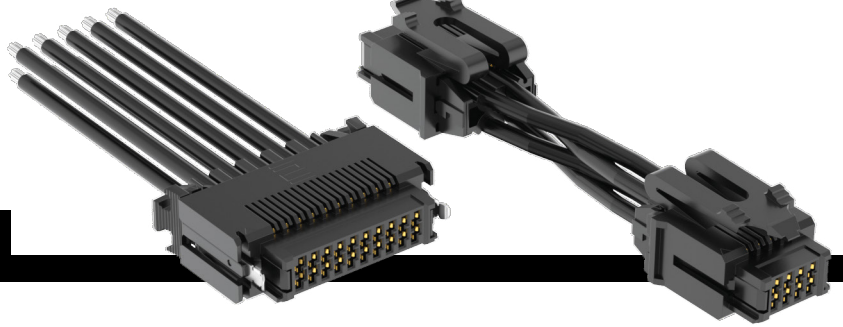


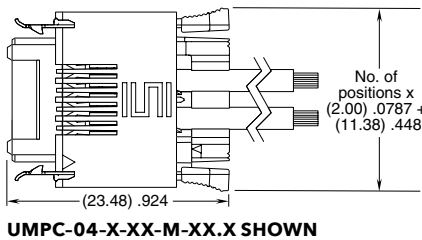
ULTRA MICRO POWER CABLE



SERIES	NO. OF POSITIONS	PLATING OPTION	WIRE GAUGE	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 = 16 AWG	(Latching required)	-"XX.X" = Assembled Length in Inches	(Leave blank for Single ended)
UMPCT = Ultra Micro Blue *Teflon™ Fluoropolymer Cable		-S = 30 μ" (0.76 μm) Gold on contact, Tin on tail	-16C = Color Coded Cable (UMPC only)	-P = Plastic top latch	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)	-1 = Pin 01 to Pin 01
UMPC(T) Board Mates: UMPT (Plastic (-P) or metal (-M) latch required)		-T = Tin	-18 = 18 AWG	-M = Metal side latches	Teflon™ Fluoropolymer Double ended = (228.6 mm) 09.0" min. (2-4 positions) Double ended = (254.0 mm) 10.0" min. (5-10 positions)	-2 = Pin 01 to Pin N
			-18C = Color Coded Cable (UMPC only)			

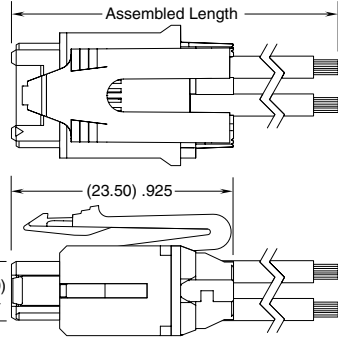
SPECIFICATIONS

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/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



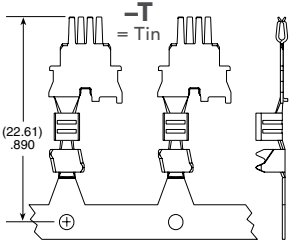
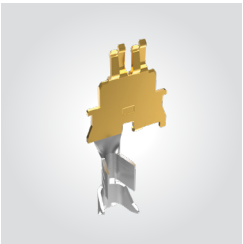
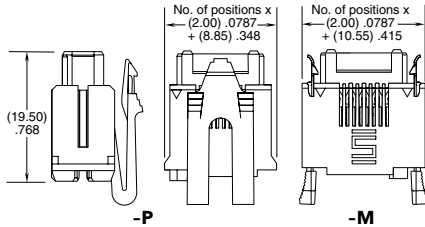
*Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Samtec.

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

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

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 = Full Reel (5,000 Contacts)
		-M = Metal side latches			-S = 30 μ" (0.76 μm) Gold on contact, Tin on tail	-M = Mini Reel (1,000 Contacts)
					-T = Tin	-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

Mouser Electronics

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[UMPC-02-L-16-M-12.0](#) [UMPC-02-L-16-M-12.0-1](#) [UMPC-02-L-16-P-12.0](#) [UMPC-02-L-16-P-12.0-1](#) [UMPC-02-L-18-M-12.0](#) [UMPC-02-L-18-M-12.0-1](#) [UMPC-02-L-18-P-12.0](#) [UMPC-02-L-18-P-12.0-1](#) [UMPC-03-L-16-M-12.0](#) [UMPC-03-L-16-M-12.0-1](#) [UMPC-03-L-16-P-12.0](#) [UMPC-03-L-16-P-12.0-1](#) [UMPC-03-L-18-M-12.0](#) [UMPC-03-L-18-M-12.0-1](#) [UMPC-03-L-18-P-12.0](#) [UMPC-03-L-18-P-12.0-1](#) [UMPC-04-L-16-P-12.0](#) [UMPC-04-L-16-P-12.0-1](#) [UMPC-04-L-18-M-12.0](#) [UMPC-04-L-18-M-12.0-1](#) [UMPC-04-L-18-P-12.0](#) [UMPC-04-L-18-P-12.0-1](#) [UMPC-06-L-16-M-12.0](#) [UMPC-06-L-16-M-12.0-1](#) [UMPC-06-L-16-P-12.0](#) [UMPC-06-L-16-P-12.0-1](#) [UMPC-06-L-18-M-12.0](#) [UMPC-06-L-18-M-12.0-1](#) [UMPC-06-L-18-P-12.0](#) [UMPC-06-L-18-P-12.0-1](#) [UMPC-10-L-16-M-12.0](#) [UMPC-10-L-16-M-12.0-1](#) [UMPC-10-L-16-P-12.0](#) [UMPC-10-L-16-P-12.0-1](#)