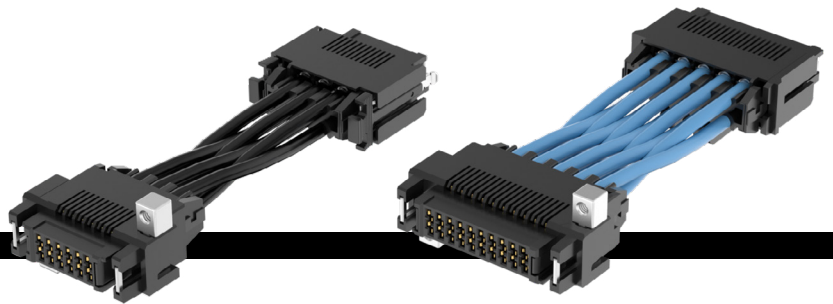


ULTRA MICRO CABLE-TO-CABLE



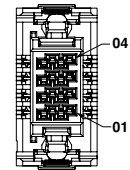
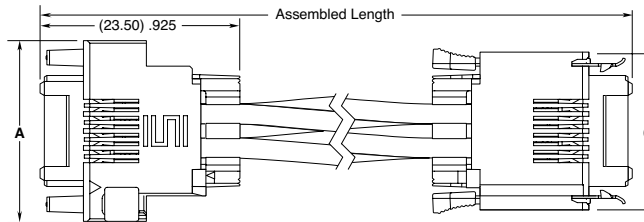
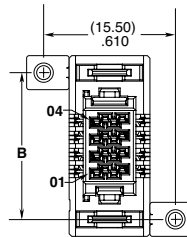
SERIES	NO. OF POSITIONS	PLATING OPTION	WIRE GAUGE	LENGTH	PINOUT
UMPI = Ultra Micro PVC Cable UMPI(T) = Ultra Micro Blue *Teflon™ Fluoropolymer Cable	-02, -03, -04, -05, -06, -07, -08, -09, -10	-L = 10 μ" (0.25 μm) Gold on contact, Tin on tail -T = Tin	-16 = 16 AWG -16C = 16 AWG Color Coded Cable (not available with UMPI(T)) -18 = 18 AWG -18C = 18 AWG Color Coded Cable (not available with UMPI(T))	-"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) -M1 = Metal Latch Pin 01 to Pin 10 -M2 = Metal Latch Pin 01 to Pin N -P1 = Plastic Latch Pin 01 to Pin 10 -P2 = Plastic Latch Pin 01 to Pin N

UMPI(T)
Cable Mates:
UMPE(T)
End 2 Mates:
UMPE(T), UMPIT

UMPI(T) PRELIMINARY

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
Current Rating:
16 AWG Tin = 18.5 A per pin
18 AWG Tin = 17.5 A per pin
16 AWG Gold = 22.5 A per pin
Voltage Rating:
445 VAC/629 VDC



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

NO. OF POSITIONS	A	B	C
-02	(17.25) .679	(13.25) .522	(14.55) .573
-03	(19.25) .758	(15.25) .600	(16.55) .652
-04	(21.25) .837	(17.25) .679	(18.55) .730
-05	(23.25) .915	(19.25) .758	(20.55) .809
-06	(25.25) .994	(21.25) .837	(22.55) .888
-07	(27.25) 1.073	(23.25) .915	(24.55) .967
-08	(29.25) 1.152	(25.25) .994	(26.55) 1.045
-09	(31.25) 1.230	(27.25) 1.073	(28.55) 1.124
-10	(33.25) 1.309	(29.25) 1.152	(30.55) 1.203

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

Notes:
Teflon™ Fluoropolymer cable is intended for crimp only. Contact Samtec for solderable cable applications.

For wiring option information refer to drawings on web.

Some lengths, styles and options are non-standard, non-returnable

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

UMPI 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

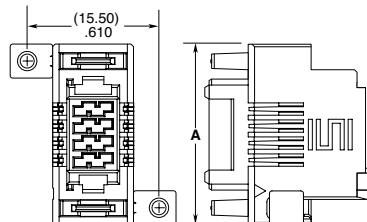
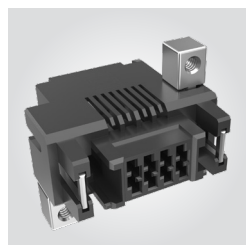
IMPC

NO. OF POSITIONS

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

LATCH OPTION

-P1
= Panel Mount



CC489

01

PLATING

PACKAGING

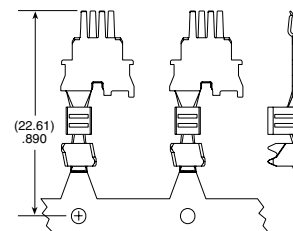
-L
= 10 μ" (0.25 μm) Gold on contact, Tin on tail

-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