

UMPS SERIES

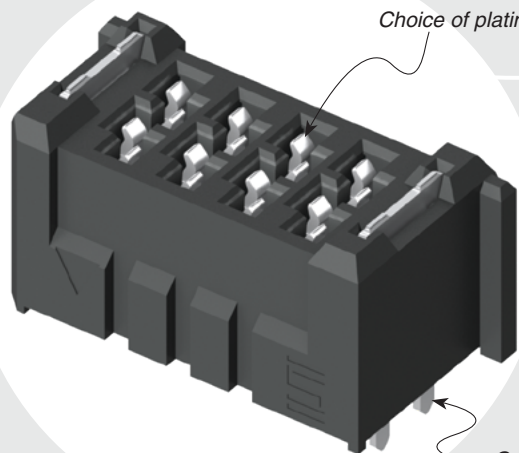
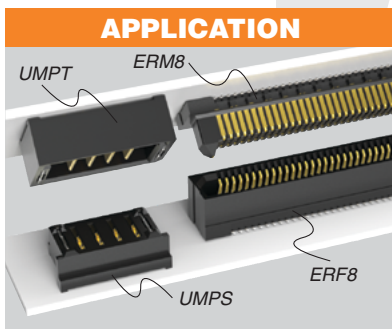
(2.00 mm) .0787"

ULTRA MICRO POWER SOCKET

SPECIFICATIONS

Insulator Material: Black LCP
Contact Material: Copper Alloy
Weld Tab: Phosphor Bronze
Plating: Sn or Au over 50 μ" (1.27 μm) Ni
Current Rating: 12 A to 15 A per pin (4 pins powered)
Operating Temp Range: Testing Now!
Voltage Rating: Testing Now!
RoHS Compliant: Yes
Lead-Free Solderable: Yes

Mates with:
UMPT



Allows for staging of power and signal/ground

UMPT/UMPS	
PINS	CURRENT RATING (PER CONTACT)
1	17.1 A
2	14.3 A
3	13.6 A
4	12.0 A
5	11.9 A

UMPS — **NO. OF POSITIONS** — **LEAD STYLE** — **PLATING** — **VT** — **SM** — **OPTION**

-02, -03, -04, -05

-03.5
= (03.5 mm) .138"

-05.5
= (05.5 mm) .217"

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

-T
= Matte Tin

(Leave blank for no weld tab)

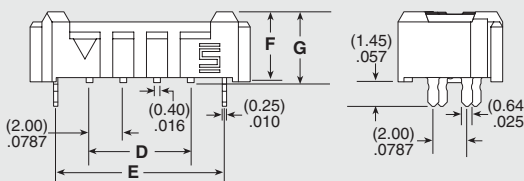
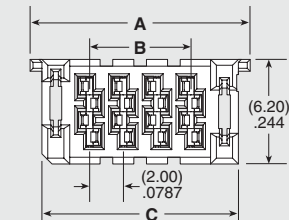
-WT
= Weld Tab
Through-hole

-K
= Pick & Place Pad

POWER/SIGNAL APPLICATION

Create a unique power/signal system by combining UMPT/UMPS with a variety of Samtec connectors at various stack heights.

SERIES	STACK HEIGHT			
	5 mm	7 mm	10 mm	12 mm
ADX6	X			
BXE	X			
BXH	X			
BXS	X			
ERX5		X	X	X
ERX6	X			
ERX8		X	X	X
LPAX	X			
QMS/QFS			X	
QRX8		X	X	X
QXE	X			
QXH	X			
QTS/QSS	X			
SEAX		X	X	X
SEAX8		X	X	
SX4	X			
SX5	X			
XEM		X	X	



UMPS-04-03.5-X-VT-SM-WT SHOWN

NO. OF POSITIONS	A	B	C	D	E
-02	(9.05) .356	(2.00) .0787	(7.65) .301	(2.00) .0787	(6.00) .2362
-03	(11.05) .435	(4.00) .1574	(9.65) .380	(4.00) .1574	(8.00) .3149
-04	(13.05) .514	(6.00) .2362	(11.65) .459	(6.00) .2362	(10.00) .3937
-05	(15.05) .592	(8.00) .3149	(13.65) .537	(8.00) .3149	(12.00) .4724

LEAD STYLE	E	F
-03.5	(4.15) .163	(4.20) .165
-05.5	(6.15) .242	(6.20) .244

IN DESIGN

- Modular interlocking
- Shielding
- Right-angle

Note: Some sizes, styles and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.