

(2.00 mm) .0787"

UMPT SERIES

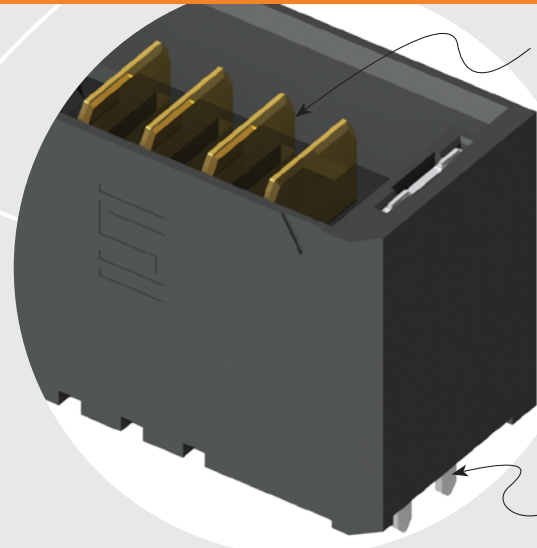
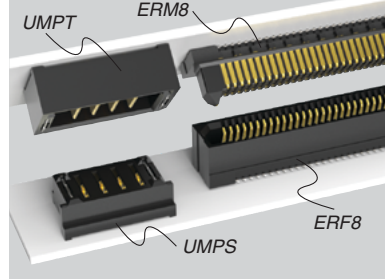
ULTRA MICRO POWER TERMINAL

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:
UMPS

APPLICATION



Choice of power positions

Allows for staging of power and signal/ground

Optional weld tab

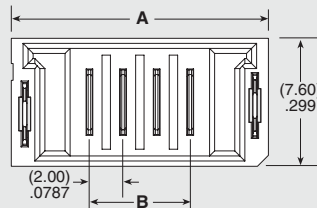
UMPT/UMPS	
PINS	CURRENT RATING (PER CONTACT)
1	17.1 A
2	14.3 A
3	13.6 A
4	12.0 A
5	11.9 A

UMPT	NO. OF POSITIONS	LEAD STYLE	PLATING	VT	SM	OPTION
-02, -03, -04, -05	-01.5 = (01.5 mm) .059"	-06.5 = (06.5 mm) .256"	-L = 10 μ" (0.25 μm) Gold on contact, Matte Tin on tail	-T = Matte Tin	-WT = Weld Tab Through-hole	-K = Pick & Place Pad

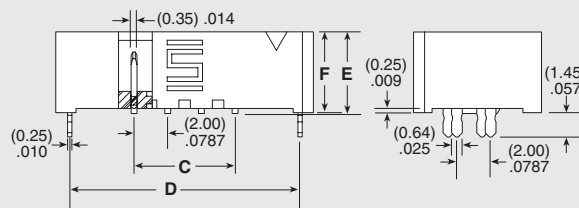
POWER/SIGNAL APPLICATION

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	



NO. OF POSITIONS	A	B	C	D
-02	(11.30) .445	(2.00) .0787	(2.00) .0787	(9.70) .382
-03	(13.30) .524	(4.00) .1574	(4.00) .1574	(11.70) .460
-04	(15.30) .602	(6.00) .2362	(6.00) .2362	(13.70) .539
-05	(17.30) .681	(8.00) .3149	(8.00) .3149	(15.70) .616



UMPT-04-01.5-X-VT-SM-WT SHOWN

LEAD STYLE	E	F
-01.5	(4.80) .189	(4.85) .191
-06.5	(9.55) .376	(9.60) .378

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.