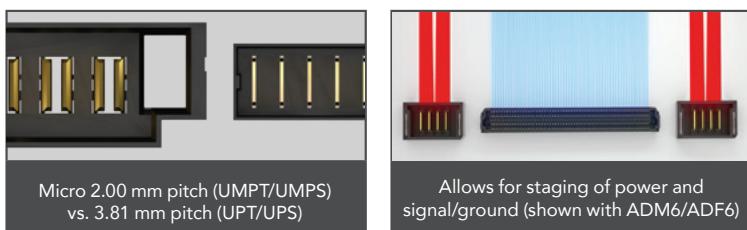
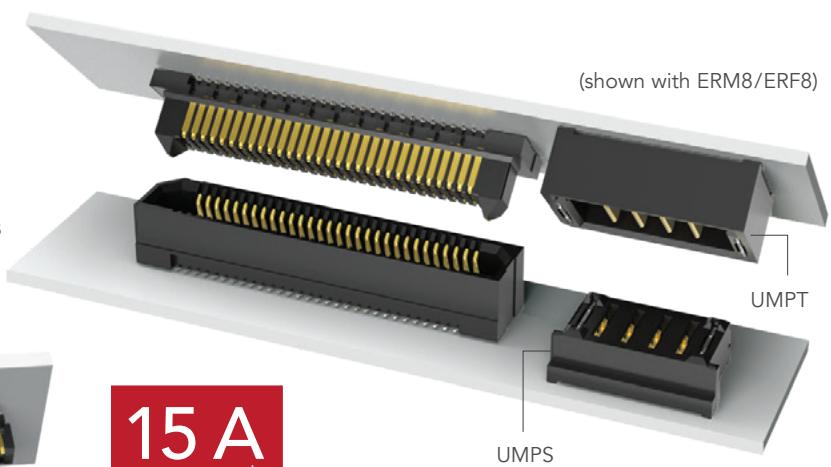
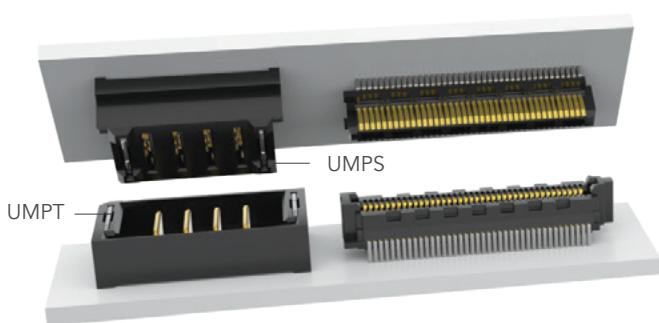


# FLEXIBLE ULTRA MICRO POWER SYSTEM

## MICRO 2.00 mm PITCH HIGH-POWER INTERCONNECTS

- Up to 15 A per blade (4 blades powered)
- Design flexibility as a power-only system or a two-piece system for power/signal applications
- Use with Samtec's high-speed connector systems for a unique power/signal system (see chart)
- 5 mm to 20 mm stack heights available
- Choice of 2, 3, 4 and 5 position counts; 6 - 10 in development
- Tin or 10  $\mu$ " Gold plated power blades; 30  $\mu$ " Gold plating available to meet specific regulations

- Optional weld tabs
- Right-angle, rugged shielding and modular interlocking design in development
- 25 A system currently in development



SIGNAL CONNECTOR	MATED HEIGHT				
	5 mm	7 mm	8 mm	9 mm	10 mm
ADM6/ADF6	X				
BTE/BSE, BTH/BSH, BTS/BSS	X		X		
ERM5/ERF5		X			X
ERM6/ERF6	X				
ERM8/ERF8		X			X
LPAM/LPAF	X				
QMS/QFS				X	
QRM8/QRF8		X			X
QTE/QSE, QTH/QSH, QTS/QSS	X		X		
SEAM/SEAF, SEAM8/SEAF8		X			X
ST4/SS4, ST5/SS5	X				
TEM/SEM		X			X

• In Development

### System

- **UMPT** – Ultra Micro Power Terminal
- **UMPS** – Ultra Micro Power Socket

# 15 A ULTRA MICRO POWER SYSTEM PRODUCT ROADMAP

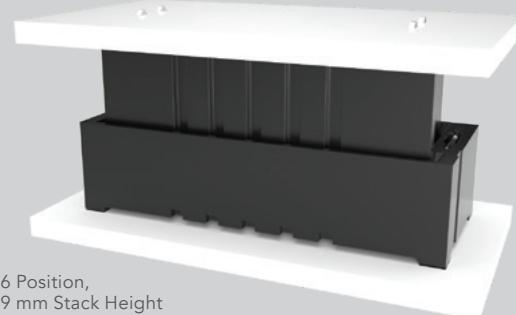
## PHASE 1



### Vertical UMPT & UMPS Series

POSITIONS	STACK HEIGHTS
2, 3, 4, 5	5, 7, 8, 10

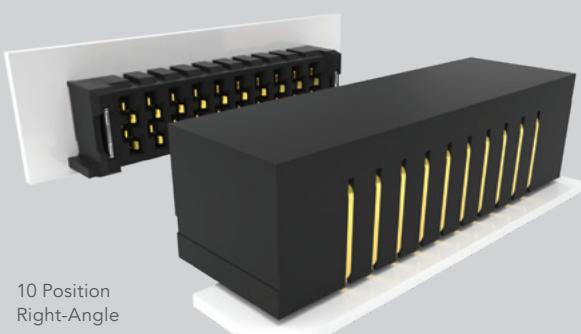
## PHASE 2



### Vertical UMPT & UMPS Series

POSITIONS	STACK HEIGHTS
6, 7, 8, 9, 10	6, 9, 11, 12, 14, 16

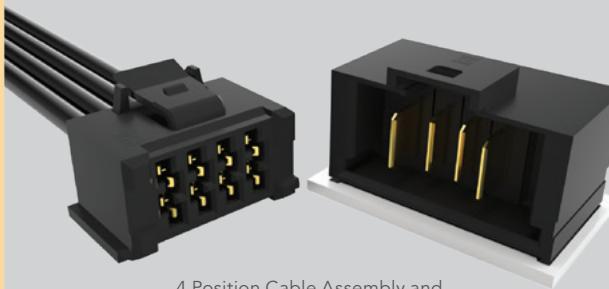
## PHASE 3



### Right-Angle UMPT Series

POSITIONS	OPTIONS
2, 3, 4, 5, 6, 7, 8, 9, 10	Latch for mating with cable assembly

## PHASE 4



### Cable Assembly with Latch

POSITIONS	MATES
2, 3, 4, 5, 6, 7, 8, 9, 10	UMPT Series Vertical and Right-Angle with Latch

For the latest information about product availability, or to discuss your high-power system application needs, please contact [power@samtec.com](mailto:power@samtec.com).