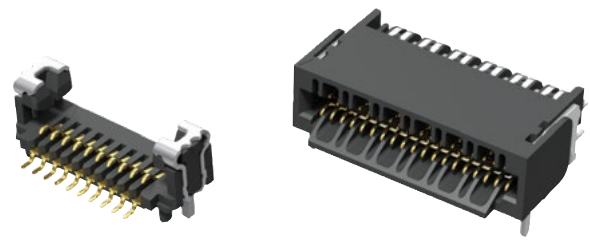


## RUGGED MICRO FLYOVER® SOCKET SYSTEM



UEC5	NO. OF POSITIONS	DATA RATE	PLATING OPTION	D	RA	WELD TAB	OPTION	PACKAGING
	-019 (Per Row)	-1 = Up to 16 Gbps  -2 = 28 Gbps+	-H = 30 μ" (0.76 μm) Gold on contact, Gold flash on tail (-1 Data Rate only)  -H = 30 μ" (0.76 μm) Gold on contact, Matte Tin on tail (-2 Data Rate only)			-1 = Through-hole  -2 = Surface Mount (Data Rate -1 only)	Leave blank for -2 Data Rate  -A = Alignment Pin (Available with Data Rate -1 only)	Leave blank for Tape & Reel  -FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

### UEC5

#### Cable Mates:

ECUE, ECUO,  
PCUO, PTUO, PCUE,  
ETUO, ETMO

### SPECIFICATIONS

#### Insulator Material:

Black LCP

#### Contact Material:

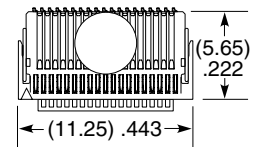
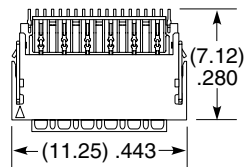
BeCu

#### Plating:

Au or Sn over  
50 μ" (1.27 μm) Ni

#### Operating Temp Range:

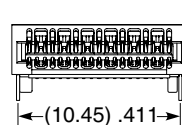
-55 °C to +125 °C



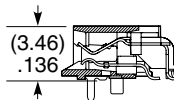
### PROCESSING

#### SMT Lead Coplanarity:

(0.10 mm) .004" max.



UEC5-019-2-X-D-RA-1



UEC5-019-1-X-D-RA-1-A

#### Note:

PCB footprints are not interchangeable for -1 and -2 data rate versions.

View complete specifications at: [samtec.com?UEC5-1](http://samtec.com?UEC5-1) & [samtec.com?UEC5-2](http://samtec.com?UEC5-2)

UCC8	NO. OF POSITIONS	1	PLATING OPTION	S	WELD TAB	A	PACKAGING
	-010		-H = 30 μ" (0.76 μm) Gold on contact, Gold flash on tail		-1 = Through-hole		Leave blank for Tape & Reel  -FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

### UCC8

#### Cable Mates:

ECUE, ECUO,  
PCUO, PTUO, PCUE,  
ETUO, ETMO

### SPECIFICATIONS

#### Insulator Material:

Black LCP

#### Contact Material:

BeCu

#### Weld Tab:

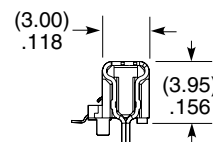
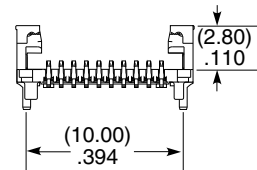
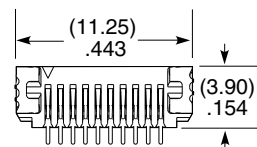
Copper Alloy

#### Plating:

Au or Sn over  
50 μ" (1.27 μm) Ni

#### Operating Temp Range:

-55 °C to +125 °C



### PROCESSING

#### SMT Lead Coplanarity:

(0.10 mm) .004" max.

#### Note:

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

View complete specifications at: [samtec.com?UCC8](http://samtec.com?UCC8)