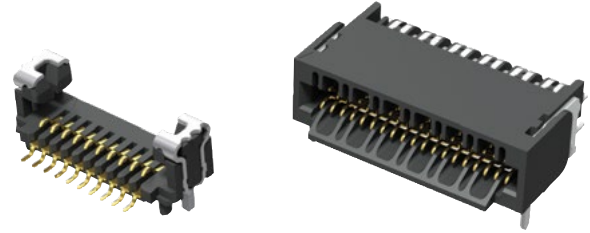




**THE DATASHEET OF  
UEC5-019-1-H-D-RA-1-A**





## RUGGED MICRO FLYOVER® SOCKET SYSTEM

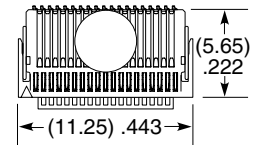
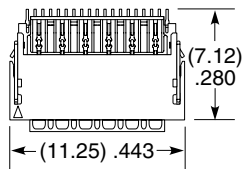
UEC5	NO. OF POSITIONS	DATA RATE	PLATING OPTION	D	RA	WELD TAB	OPTION	PACKAGING
	-019 (Per Row)	-1 = Up to 16 Gbps -2 = 28 Gbps+	-H = 30 μ" (0.76 μm) Gold on contact, Gold flash on tail (-1 Data Rate only) -H = 30 μ" (0.76 μm) Gold on contact, Matte Tin on tail (-2 Data Rate only)			-1 = Through-hole -2 = 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

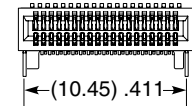
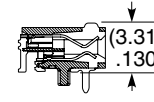
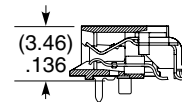
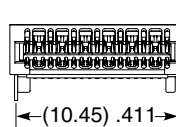
### SPECIFICATIONS

**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)

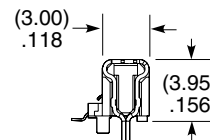
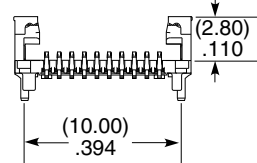
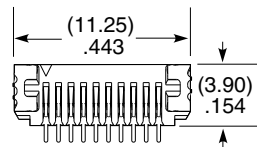
UCC8	NO. OF POSITIONS	1	PLATING OPTION	S	WELD TAB	A	PACKAGING
	-010		-H = 30 μ" (0.76 μm) Gold on contact, Gold flash on tail		-1 = Through-hole		Leave blank for Tape & Reel -FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)

### 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)

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View UEC5-019-1-H-D-RA-1-A on WIN SOURCE](#)
-  [Samtec Inc. Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management