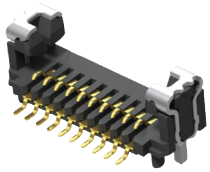
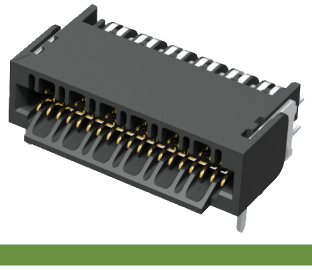
FIREFLY™





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) **–HFL** = 30 µ" (0.76 µm) Gold on contact, Gold flash 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

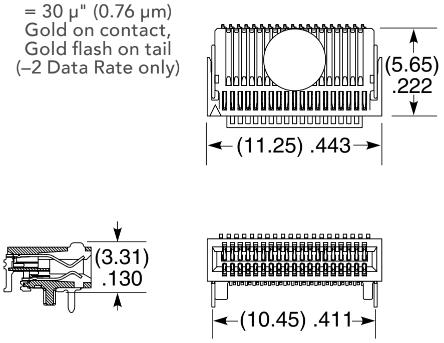
SPECIFICATIONS

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

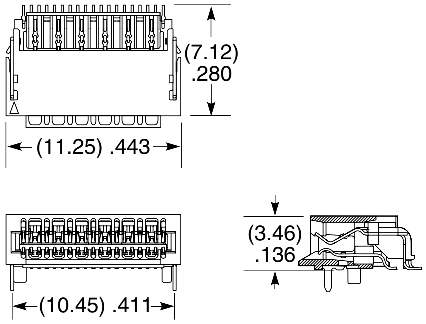
PROCESSING

SMT Lead Coplanarity:
(0.10 mm) .004" max.

Note:
PCB footprints are not interchangeable for –1 and –2 data rate versions.



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



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

View complete specifications at: samtec.com?UEC5-1 & 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

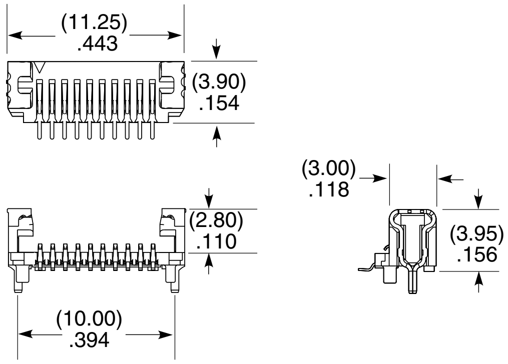
Cable Mates:
ECUE, ECUO,
PCUO, PTUO, PCUE,
ETUO, ETMO

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