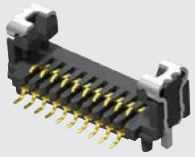
samtec

FIREFLY™



UCC8–010–1–H–S–1–A

UEC5–019–1–H–D–RA–1–A

UEC5, UCC8 SERIES

RUGGED MICRO FLYOVER SOCKET SYSTEM

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?UEC5

Insulator Material: Black LCP
Contact Material: BeCu
Plating: Au or Sn over 50 µ" (1.27 µm) Ni
Current Rating: 1.8 A per pin (2 pins powered)
Operating Temp Range: Testing Now!
RoHS Compliant: Yes

PROCESSING

Lead–Free Solderable: Yes
SMT Lead Coplanarity: (0.10 mm) .004" max

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality

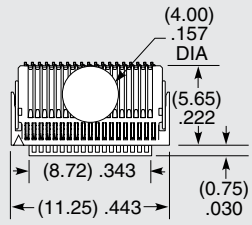
FILE NO. E111594

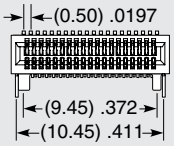
Note: Some lengths, styles and options are non-standard, non-returnable.

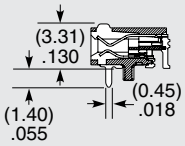
UEC5	–	NO. OF POSITIONS	–	1	–	PLATING OPTION	–	D	–	RA	–	WELD TAB	–	OPTION
		–019 (Per Row)				–H = 30 µ" (0.76 µm) Gold on contact, Gold flash on tail				–1 = Through-hole				–A = Alignment Pin

Mates with: ECUE, ECUO

EDGE® RATE CONTACT

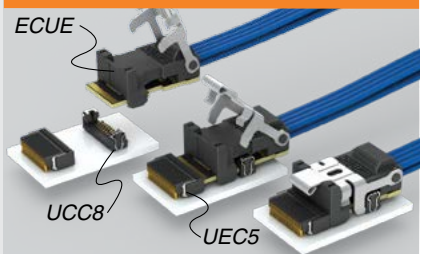






Note: FireFly™ products are dual sourced by Hirose Electric Co., LTD.
Patents: 8588562, 8588561 additional patents pending

APPLICATION



The UEC5 and UCC8 connectors were designed to work specifically with the FireFly™ flyover system. They were not designed for use with mating cards other than those used with FireFly™. Please see samtec.com/edgecard or contact the CustomerEngineeringSupport@samtec.com for other edge card options.

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?UCC8

Insulator Material: Black LCP
Contact Material: BeCu
Weld Tab: Copper Alloy
Plating: Au or Sn over 50 µ" (1.27 µm) Ni
Current Rating: 2.6 A per pin (1 pin powered)
Operating Temp Range: Testing Now!
RoHS Compliant: Yes

PROCESSING

Lead–Free Solderable: Yes
SMT Lead Coplanarity: (0.10 mm) .004" max

RECOGNITIONS

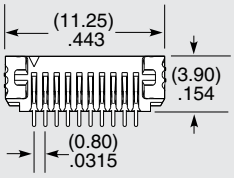
For complete scope of recognitions see www.samtec.com/quality

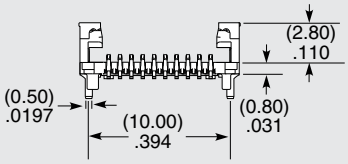
FILE NO. E111594

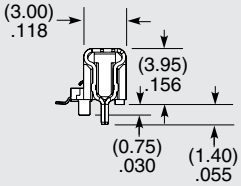
Note: Some lengths, styles and options are non-standard, non-returnable.

UCC8	–	NO. OF POSITIONS	–	1	–	PLATING OPTION	–	S	–	WELD TAB	–	A
		–010				–H = 30 µ" (0.76 µm) Gold on contact, Gold flash on tail				–1 = Through-hole		

Mates with: ECUE, ECUO







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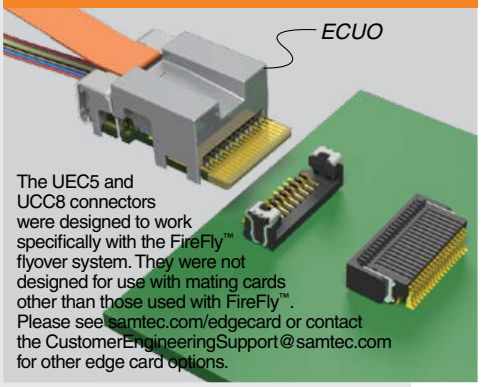

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Due to technical progress, all designs, specifications and components are subject to change without notice.