

FEATURES AND SPECIFICATIONS

Features and Benefits

- Economical solution for commercial applications requiring the density of a microminiature connector
- "Crimp and poke" configuration designed for hand or semi-automatic crimping

Reference Information

UL File No: E81982

Electrical

Current: 3.0A

Contact Resistance: 8mΩ max.

Mechanical

Contact Insertion Force: 3 oz. avg.

Unmating Force: 0.5 oz. min.

Physical

Housing: Shell — Nickel-plated 100BLC Steel

Insulator — LCP, UL 94V-0

Contact: Socket — Gold-plated Copper Alloy

Boot: Santoprene

Jackpost: Stainless Steel

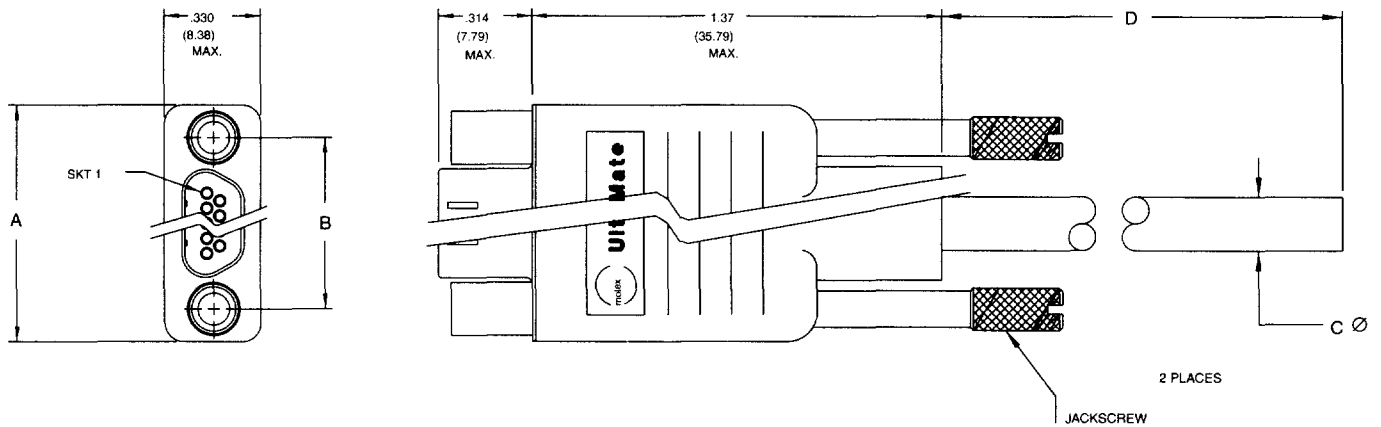


1.27mm (.050") Pitch Commercial Micro-D Cable Receptacle

83421/83422/83424 Assembled

Note: Designed to meet the requirements of SSA applications

CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Dimension					
	Order No.			A Max.	B Nom.	C Nom.
	D=18"±.1"	D=36"±.1"	D=72"±.1"			
9	83421-9042	83421-9043	83421-9044	19.93 (.785)	14.35 (.565)	5.80 (.228)
15	83422-9007	83422-9013	83422-9018	23.75 (.935)	18.16 (.715)	6.43 (.253)
25	83424-9019	83424-9020	83424-9021	30.10 (1.185)	24.51 (.965)	7.72 (.304)

Note: Contact Molex for alternate hardware configurations (i.e. cable mount, solder cup or special hardware).

Contact Molex for material performance specifications.

1.60mm (.063") Jackpost optional for SSA applications. Contact Molex for order number.

Cable = 28 AWG-PVC Jacket - shielded -80° - 300V - color coded per UL 2464