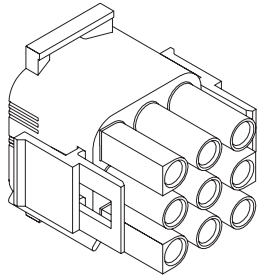


2.13mm (.084") Diameter MLX™ Pin and Socket Plug 42021



Features and Benefits

- Intermateable, intermountable and interchangeable with industry-standard versions
- Cross tested to assure industry compatibility
- Positive locks
- Fully isolated contacts
- Circuit ID grooves to reduce assembly errors
- Anti-stress positioning tabs to reduce breakage

Reference Information

Product Specification: PS-42022-0001
 Packaging: Bag
 UL File No.: E29179
 CSA File No.: LR19980
 Mates With: 42002 header, 42022 cap and 43255 header
 Designed In: Inches

Electrical

Voltage: 600V
 Current:

Circuits							
1	2	3	4	6	9	12	15
13.5A	13.5A	13.5A	13.5A	11.0A	11.0A	11.0A	11.0A

Dielectric Withstanding Voltage: 2900V (Header),
 5000V (Wire-To-Wire)
 Insulation Resistance: 1000 Megohms min.

Mechanical

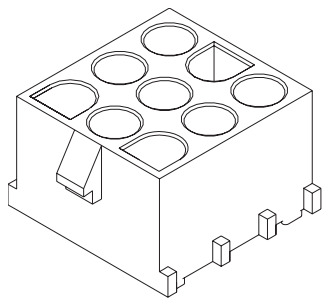
Contact Retention to Housing: 66.88N (15 lb)

Physical

Plug Housing: Nylon, 94V-2 or 94V-0
 Operating Temperature: -55 to +105°C

Circuits	Amperes/Circuit (Max.)	Order No.		
		94V-2 (White)	94V-0 (Brick Red)	94V-0 (White)
1	13.5	50-84-1010	50-84-1011	50-84-1015
2		50-84-1020	50-84-1021	50-84-1025
3		50-84-1030	50-84-1031	50-84-1035
4		50-84-1040	50-84-1041	50-84-1045
6	11	50-84-1060	50-84-1061	50-84-1065
9		50-84-1090	50-84-1091	50-84-1095
12		50-84-1120	50-84-1121	50-84-1125
15		50-84-1150	50-84-1151	50-84-1155

2.13mm (.084") Diameter MLX™ Power Connector Header 42002 Vertical



Features and Benefits

- Intermateable, intermountable and interchangeable with industry-standard versions
- Cross tested to assure industry compatibility
- Positive locks
- Fully isolated contacts

Reference Information

Product Specification: PS-42022-0001
 Packaging: Tray
 UL File No.: E29179
 CSA File No.: LR19980
 Designed In: Inches

Electrical

Voltage: 600V
 Current:

Circuits						
2	3	4	6	9	12	15
13.5A	13.5A	13.5A	11.0A	11.0A	11.0A	11.0A

Contact Resistance: 3.5 milliohms max.
 Dielectric Withstanding Voltage: 2900V
 Insulation Resistance: 1000 Megohms min.

Physical

Header Housing: See Table
 Header Contact: Phosphor Bronze
 Plating: Tin
 Operating Temperature: -55 to +105°C

Circuits	Order No.				Housing	Lead-free
	White		Brick Red			
	Male	Female	Male	Female		
2	10-84-4020	10-84-4022			94V-2	Yes
	10-84-5020	10-84-5021	10-84-4021	10-84-4023	94V-0	
3	10-84-4030	10-84-4032			94V-2	
	10-84-5030	10-84-5031	10-84-4031	10-84-4033	94V-0	
4	10-84-4040	10-84-4042			94V-2	
	10-84-5040	10-84-5041	10-84-4041	10-84-4043	94V-0	
6	10-84-4060	10-84-4062			94V-2	
	10-84-5060	10-84-5061	10-84-4061	10-84-4063	94V-0	
9	10-84-4090	10-84-4092			94V-2	
	10-84-5090	10-84-5091	10-84-4091	10-84-4093	94V-0	
12	10-84-4120	10-84-4122			94V-2	
	10-84-5120	10-84-5121	10-84-4121	10-84-4123	94V-0	
15	10-84-4150	10-84-4152			94V-2	
	10-84-5150	10-84-5151	10-84-4151	10-84-4153	94V-0	