## **FEATURES AND SPECIFICATIONS**

#### **Features and Benefits**

- Latching receptacle provides positive lock to mating plug
- Housing is compatible with SMT processing
- Date code assembly
- Polarizing peg ensures correct placement to PCB
- End clips provide additional retention to PCB
- Smooth contact surface, blanked terminal

#### **Reference Information**

Product Specification: PS-79058

Packaging: Tube UL File No.: E29179 CSA File No.: LR1998A-281

Mates With: 79058, 71295 and 70498

Designed In: Inches

#### Electrical

Voltage: 30V Current: 1.0A

Contact Resistance:  $25m\Omega$  max. Dielectric Withstanding Voltage: 500V AC Insulation Resistance: 1000 M $\Omega$  min.

#### Mechanical

Contact Insertion Force: 1 lb min. Insertion Force to PCB: 15 lb max. Mating Force: 5.3 oz max. Unmating Force: 1 oz min. Normal Force: 100g

#### Physical

Housing: Black high-temperature thermoplastic, UL 94V-0

Contact: Phosphor Bronze

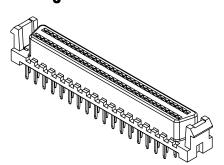
Plating:  $30\mu^{"}$  Gold in contact area,  $15\mu^{"}$  Tin/Lead on solder

tails, all over Nickel overall
Operating Temperature: -55 to +105°C

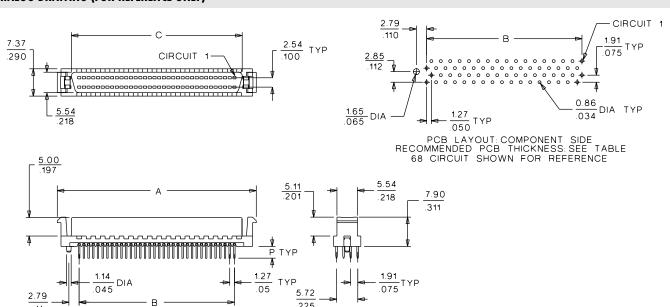


# 73631

# Vertical, All Plastic With Latches and Through Hole



### **CATALOG DRAWING (FOR REFERENCE ONLY)**



### **ORDERING INFORMATION AND DIMENSIONS**

Circuits	Order No.		Dimension			
	With Polarizing Peg	Without Polarizing Peg	A	В	C	P
50	73631-3001	73631-3101	42.29 (1.665)	30.48 (1.200)	34.70 (1.366)	3.28 (.129)
68	73631-3002	73631-3102	53.72 (2.115)	41.91 (1.650)	46.13 (1.816)	3.28 (.129)

Note: Reverse tail patterns available (with and without clip and peg options), contact Molex for more information

MX01 N-71