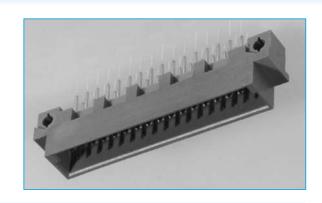
16 and 32 Contacts

2.54mm(0.1"), 5.08mm(0.2" Half loaded) Pitch

**High Reliability** 

**UL Approved** 



# **SPECIFICATION**

#### **Material**

Insulator: Glass filled polyester

(PBT, UL flammability 94V-0)

Contacts: Female copper alloy, male brass

Contact finish: Contact area: Gold over nickel (per requirements

of performance class 3, class 2)

Termination area: Tin - plated or Gold-plated for

long wrap post

#### **Mechanical**

Insertion force: 32 contacts max. 30N

16 contacts max. 15N

Withdrawal force per contact: min 0.15N

Temperature range: -55°C to +125°C

Air and creepage distance 1.2mm min.

#### **Electrical**

Current rating: 20°C 2A

70°C 1A 100°C 0.5A

 $\textbf{Contact resistance:} \qquad \leq 20 m\Omega \text{ (testing current 100mA)}$ 

≤40mΩ after 400 mating cycles

Capacitance between

adjacent contacts: Appr. 2pF Insulation resistance:  $\geq 10^{12}\Omega$ 

(between adjacent contacts at 100 VDC)

**Test voltage:** 1,000Vrms between contacts (2.54mm spacing)

1,550Vrms between contacts (5.08mm spacing)

1,550Vrms between contacts and body

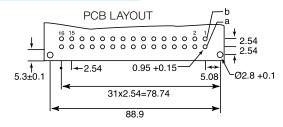
Operating voltage: 250V AC

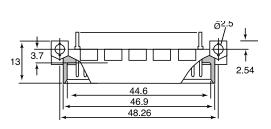
#### **Agency approval**

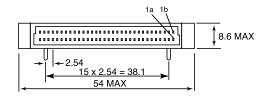
U/L Electric rating: 250V, 2A

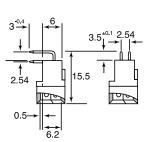
Mating Cycles: Class 2 = 400 Class 3 = 50

## **OUTLINE DRAWING**









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### **ORDERING INFORMATION**

**DBC** DIN 16 HB AB S Dubilier Series Connector Type  $N^{\underline{\circ}}$  of Ways Housing Style Position of Quality Class Termination Style Connectors Contacts S = Straight Solder RA = Right Angled Solder DIN 41612 M = Male 16 = 16 ways HB = Half B A, AB 3 = class 3 32 = 32 ways AB1 = even nº. 2 = class 2