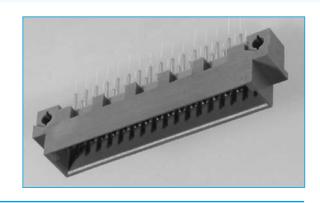
Class 2 and 3

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

Contact resistance: $\leq 20 \text{m}\Omega$ (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

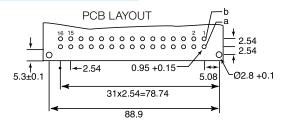
Operating voltage: 250V AC

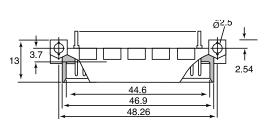
Agency approval

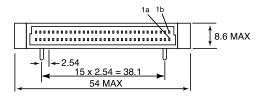
U/L Electric rating: 250V, 2A

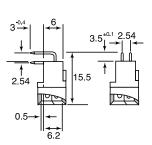
Mating Cycles: Class 2 = 400 Class 3 = 50

OUTLINE DRAWING









ORDERING INFORMATION

DBC DIN 16 HB AB S Position of Dubilier Series Connector Type $N^{\underline{\circ}}$ of Ways Housing Style 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



DIN 41612

16 and 32 Contacts

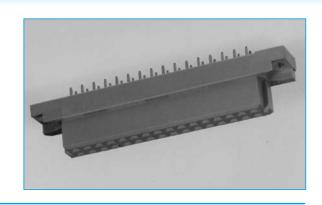
2 Rows

Class 2 and 3

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

High Reliability

UL Approved



SPECIFICATION

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Insulator: Glass filled polyester

(PBT, UL flammability 94V-0)

Contacts: Female copper alloy, male brass

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70°C 1A 100°C 0.5A

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≤40mΩ after 400 mating cycles

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1,550Vrms between contacts and body

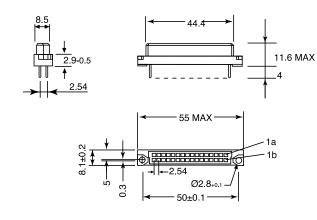
Operating voltage: 250V AC

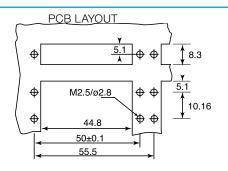
Agency approval

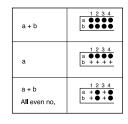
U/L Electric rating: 250V, 2A

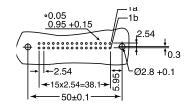
Mating Cycles: Class 2 = 400 Class 3 = 50

OUTLINE DRAWING









ORDERING INFORMATION

DBC	DIN	F	16	НВ	AB	S	3
Dubilier	Series	Connector Type	Nº of Ways	Housing Style	Position of	Termination Style	Quality Class
Connectors	DIN 41612	F = Female	16 = 16 ways 32 = 32 ways	HB = Half B	Contacts A, AB AB1=A+B even n∘.	S = Straight Solder Tail length options available on request	3 = class 3 2 = class 2