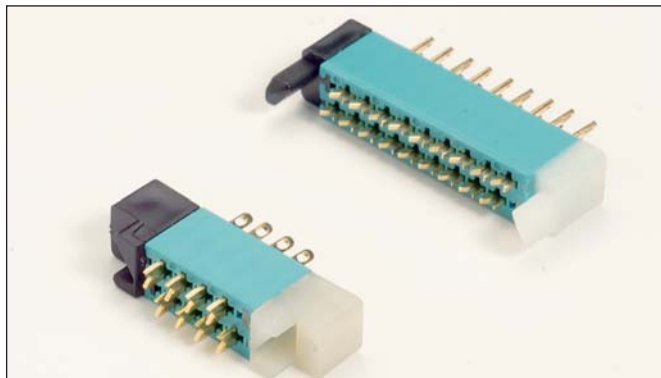


Series 8218 – 0.050" Staggered Dual Row

FEATURES

- High contact density
- For parallel or perpendicular p.c. card mounting
- High mounting density (.050" centers, minimum)
- Nylon end sections for mounting and card guidance
- Mounting hardware supplied with connector
- Mates with 8219 Series



TECHNICAL SPECIFICATIONS

Current Rating:

5 amperes, maximum

Contact Resistance:

0.005 ohm, maximum

Contact Material and Plating:

Phosphor Bronze
nickel plate, 30 to 50 microinches followed by
gold plate, 10 to 20 microinches

Insulator Material:

Diallyl phthalate, glass-filled, flame resistant,
end guides: nylon

Insulation Resistance:

5,000 megohms, minimum

Dielectric Withstanding Voltage:

Sea Level: 1000 Volts rms
3.4" Hg: 500 Volts rms

Insertion/Withdrawal Force:

2 to 16 ounces per contact

ORDERING CODE

00

8218

076

000

001

Number of Contacts

002 to 076 for connectors
without center guide

Contact Code

Variation Code

001 = Receptacle
002 = Plug-Card
005 = Plug-Board

Variant 002 right angled contacts

000 = 60 8200 16 33

P.C. Tail

000 = 60 8200 16 63

P.C. Tail

Variants 001 and 005

722 = 60 8200 16 13

Wire Hole Tail

736 = 60 8200 16 33

P.C. Tail (X = 9/32", Y = 1/4")

753 = 60 8200 16 53

P.C. Tail (X = 1/8", Y = 3/32")

771 = 60 8200 16 63

P.C. Tail (X = 31/64", Y = 29/64")

with keying pins

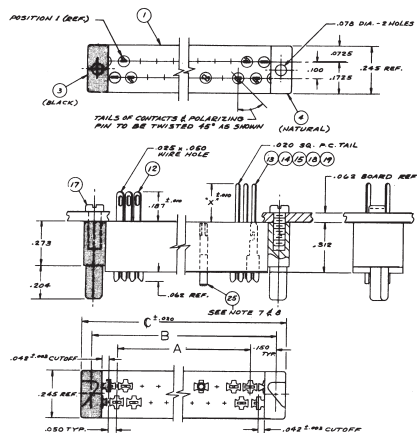
011 = Receptacle
012 = Plug-Card/pin
inserted in
odd position
013 = Plug-Card/pin
inserted in even
position
017 = Plug-Board

with keying holes

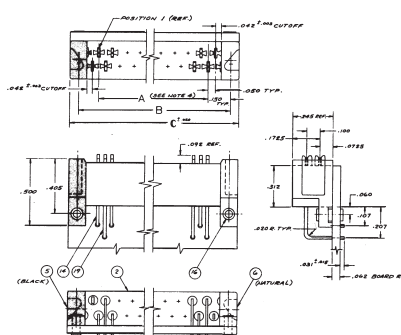
021 = Receptacle
022 = Plug-Card/pin
inserted in
odd position
023 = Plug-Card/pin
inserted in even
position
027 = Plug-Board

Series 8218 – 0.050" Staggered Dual Row

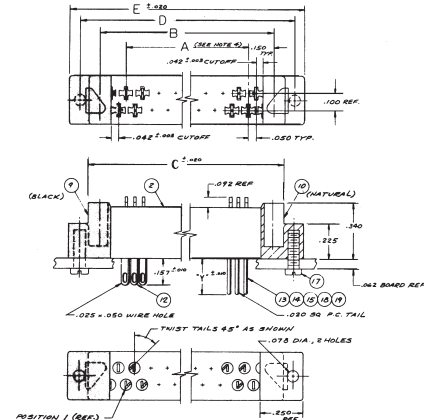
Receptacle Variation 001



Plug Variation 002



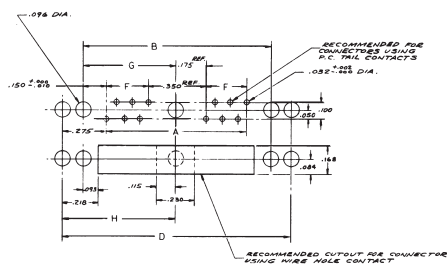
Plug Variation 005



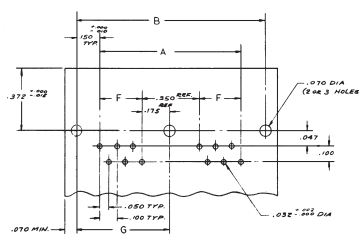
RECEPTACLE 001 – MATES WITH PLUGS 002 AND 005

MOUNTING LAYOUT

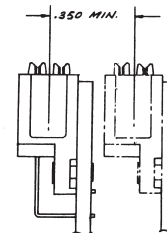
Variation 001 and 005



Variation 002



Minimum Center to Center Spacing for Adjustment Plugs



DIMENSIONS

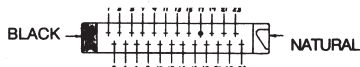
(inches)

A	B	C	D	E
(No. of contacts x 0.050") - 0.050"	"A" dimension + 0.300"	"A" dimension + 0.440"	"A" dimension + 0.550"	"A" dimension + 0.690"

POLARIZATION

Keying Ordering No.
60-8218-4715-00-152

PLUG OR RECEPTACLE



Determine polarization pin location from views.

P = Specify location by contact # where polarizing pin must be inserted.

H = Specify location by contact # where contact must be omitted for mating.

Typical Example: 00-8218-024-721-001-P17 (polarizing pin mtd. in position 17)
 00-8218-024-721-005-H17 (polarizing hole is in position 17)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Kyocera AVX:](#)

[008218054000002](#)