

Varicon®

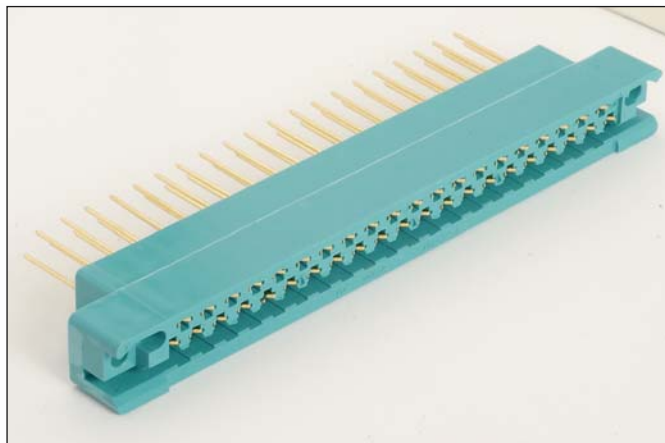
Series 7038 – 0.100"

Staggered Dual Row



FEATURES

- Varilok® contacts are insertable and removable by user
- Crimp, solderless wrap, tapered tab, and wire hole terminations available
- All crimping, insertion, and extraction equipment available (see page 26)
- Guide sockets facilitate mating, ensure correct alignment
- Open-ended card slot; no p.c. card notching necessary
- Mates with Series 7023 Plug



TECHNICAL SPECIFICATIONS

Current Rating:

8 amperes

Contact Resistance:

6 milliohms, maximum

Contact Material and Plating:

Phosphor Bronze

Gold, 10 microinches minimum,
over nickel, 50 to 100 microinches

Insulator Material:

Diallyl phthalate, glass-filled,
flame resistant, per MIL-M-14F,
Type SDGF.

Insulation Resistance:

5,000 megohms, minimum

Dielectric Withstanding Voltage:

Sea Level: 1800 Volts rms
3.4" Hg: 675 Volts rms

Insertion/Withdrawal Force:

2 to 16 ounces per contact

Operating Temperature:

-40°C to +120°C

ORDERING CODE

00

7038

023

000

001

Number of Contacts

017, 023, 029,
035, 041

Contact Code

See table.

Variation Code

001 = 1/16" Thick Card
002 = 3/32" Thick Card
110 = 1/16" Thick Card 50 mil Gold
111 = 3/32" Thick Card 50 mil Gold

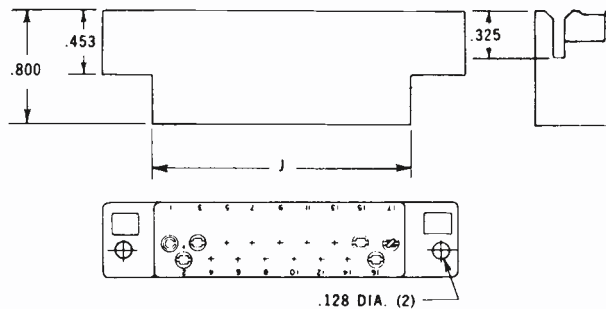
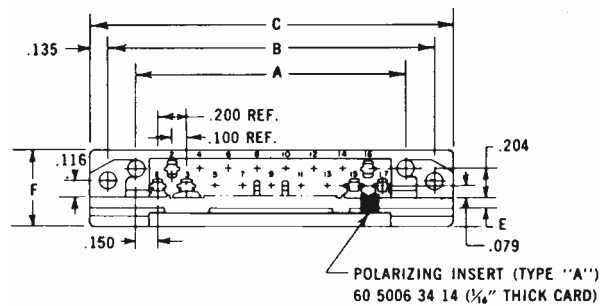
217 = 60 8017 05 13	
Wire Hole	
218 = 60 8017 06 13	
Solderless Wrap Tail – .025" x .050" x .567"	
750 = 60 8017 06 23	
Solderless Wrap Tail – .025" x .050" x .760"	
296 = 60 8017 06 33	
Solderless Wrap Tail – .025" x .025" x .580"	
504 = 60 8017 06 63	
Solderless Wrap Tail – .025" x .025" x .170"	
*000 = 60 8017 03 13	
Wire Crimp Tail (Contacts Loose) 18-26 AWG	
*000 = 60 8017 03 23	
Wire Crimp Tail (Contacts on a Reel) 18-26 AWG	

*Order separately by part number, refer to page 25

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DIMENSIONS:

millimeters (inches)

Number of Contacts	A	B	C Max.	D	E		F	G	J
					1/16" Card	3/32" Card			
17	1.900 (0.075)	2.300 (0.091)	2.570 (0.101)	1.890 (0.075)	.074 (0.003)	.105 (0.004)	17/32"	.571 (0.022)	1.850 (0.073)
23	2.500 (0.099)	2.900 (0.114)	3.170 (0.125)	2.490 (0.098)	.074 (0.003)	.105 (0.004)	17/32"	.571 (0.022)	2.450 (0.096)
29	3.100 (0.122)	3.500 (0.138)	3.770 (0.148)	3.090 (0.121)	.074 (0.003)	.105 (0.004)	17/32"	.571 (0.022)	3.050 (0.120)
35	3.700 (0.146)	4.100 (0.161)	4.370 (0.172)	3.690 (0.145)	.074 (0.003)	.105 (0.004)	17/32"	.571 (0.022)	3.650 (0.144)
41	4.300 (0.169)	4.700 (0.185)	4.970 (0.196)	4.290 (0.169)	.074 (0.003)	.105 (0.004)	17/32"	.571 (0.022)	4.250 (0.167)
47	4.900 (0.193)	5.300 (0.209)	5.570 (0.219)	4.890 (0.193)	.074 (0.003)	.105 (0.004)	17/32"	.634 (0.025)	4.850 (0.191)

MOUNTING LAYOUT

