BNC 75 ohm
PCB Receptacles

Amphenol®

Fig. 1

.500(12.7)

P .468(11.9)

.200 (5.1) .400 (10.2) **R**
.200 (5.1)
.100 (2.5)
.079(2.0) dia. holes 2 places
G S .035(0.9) dia. holes 2 places

a 1.12(28.4)
b
e max. panel
.468(11.9) across one flat
.500-28 UNF-2A thd.
.025(0.6) stand-off pads (4)
.150(3.8)
.625 (15.9)
.338 (8.6)
.190(4.8)
.028(0.7) dia. terminals (2)
.090 (2.3) fork pins (2)
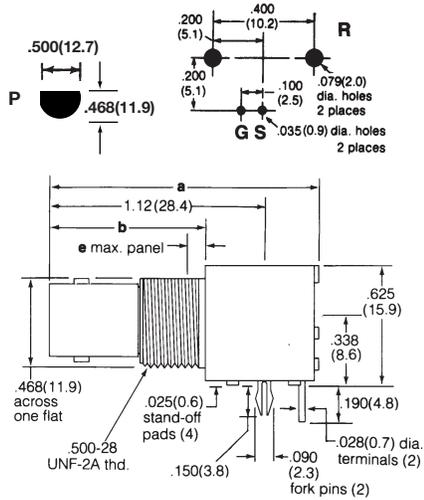
Standard Height BNC Printed Circuit Board Right Angle Bulkhead Receptacles ☆

Isolated from Panel
White Valox Housing
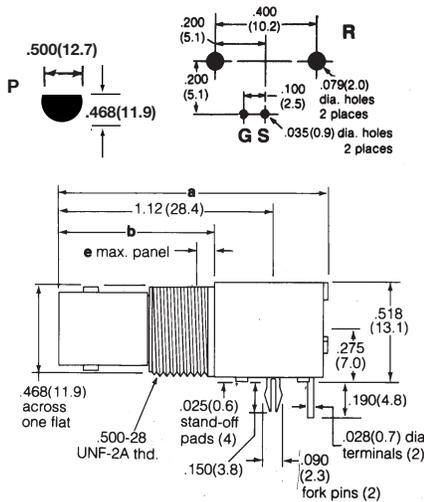**31-71047** (Round Pins)
31-71047-1010 (Fork Pins)

Isolated from Panel
Black Valox Housing
31-71046 (Round Pins)
31-71046-1010 (Fork Pins)

Metal Housing
31-71043 (Round Pins)
31-71043-1010▲
(Fork Pins)

Fig. 2

.500(12.7)

P .468(11.9)

.200 (5.1) .400 (10.2) **R**
.200 (5.1)
.100 (2.5)
.079(2.0) dia. holes 2 places
G S .035(0.9) dia. holes 2 places

a 1.12(28.4)
b
e max. panel
.468(11.9) across one flat
.500-28 UNF-2A thd.
.025(0.6) stand-off pads (4)
.150(3.8)
.518 (13.1)
.275 (7.0)
.190(4.8)
.028(0.7) dia. terminals (2)
.090 (2.3) fork pins (2)

Low Profile BNC Printed Circuit Board Bulkhead Receptacles ☆

Isolated from Panel
White Valox Housing
31-71052 (Round Pins)
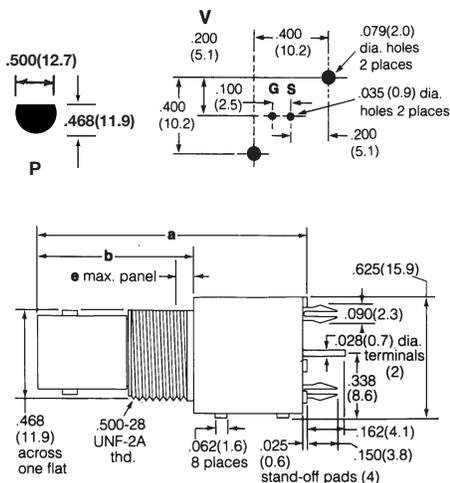**31-71052-1010** (Fork Pins)
31-71052-10RFX

Isolated from Panel
Black Valox Housing
31-71053 (Round Pins)
31-71053-1010 (Fork Pins)

Metal Housing
31-71042 (Round Pins)

Fig. 3

V
.500(12.7)
.200 (5.1) .400 (10.2)
.079(2.0) dia. holes 2 places
.100 (2.5) **G S**
.400 (10.2)
.035(0.9) dia. holes 2 places
.200 (5.1)

P .468(11.9)

a
b
e max. panel
.468 (11.9) across one flat
.500-28 UNF-2A thd.
.062(1.6) 8 places
.025 (0.6) stand-off pads (4)
.150(3.8)
.162(4.1)
.338 (8.6)
.028(0.7) dia. terminals (2)
.090(2.3)
.625(15.9)

Vertical BNC Printed Circuit Board Bulkhead Receptacles ☆
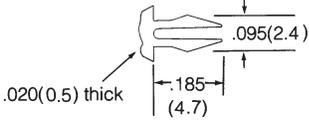
Isolated from Panel
White Valox Housing
31-71058 (Round Pins)
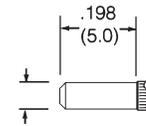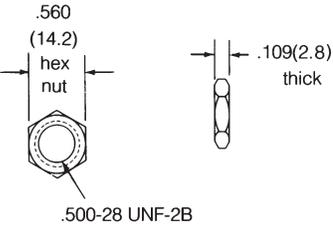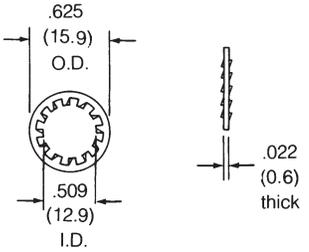**31-71058-1010** (Fork Pins)

Isolated from Panel
Black Valox Housing
31-71059 (Round Pins)
31-71059-1010 (Fork Pins)

Metal Housing
31-71045 (Round Pins)
31-71045-1010
(Fork Pins)

☆ Jam nuts and lockwashers sold separately. ▲ distributor stocked

Fig. 4

Fig. 5

.095(2.4)

.020(0.5) thick

.185 (4.7)

Fork Pin holds connectors rigidly to P.C. Board for high temperature and mass production assembly

.198 (5.0)

.068 (1.7) dia.

Round Pin (Standard)

.560 (14.2) hex nut

.109(2.8) thick

.500-28 UNF-2B

Pkg. of 100, Hex Nut
for BNC Bulkhead PCB Receptacles
31-5652▲ Nickel Plated

.625 (15.9) O.D.

.509 (12.9) I.D.

.022 (0.6) thick

Pkg. of 100, Lockwasher
for BNC PCB Bulkhead Receptacles
31-5653▲ Nickel Plated

BNC

BNC PRINTED CIRCUIT BOARD BULKHEAD RECEPTACLES

Description	Terminal Type	Dimensions, inches (millimeters)			Notes		Mtg. Hole	Notes	Mtg. Pin Type	Imp	Amphenol Number	Fig.
		a	b	e	Plt.	Ins.						
Standard Height Printed Circuit Angle Bulkhead Receptacle (J)☆	Blunt Posts for Signal & Ground	1.40(35.6)	.810(20.6)	.250(6.4)	P26	D17	R/P	Iso. White Housing	Round	75Ω	**31-71047**	1
					P26	D17			Fork	75Ω	**31-71047-1010**	
					P26	D20	R/P	Iso. Black Housing	Round	75Ω	**31-71046**	
					P26	D20			Fork	75Ω	**31-71046-1010**	
					P26	D22	R/P	Metal Housing	Round	75Ω	**31-71043**	
					P26	D22			Fork	75Ω	**31-71043-1010**	
Low Profile Printed Circuit Angle Bulkhead Receptacle (J)☆	Blunt Posts for Signal & Ground	1.40(35.6)	.810(20.6)	.250(6.4)	P26	D17	R/P	Iso. White Housing	Round	75Ω	**31-71052**	2
					P26	D17			Fork	75Ω	**31-71052-1010**	
					P26	D17			Fork	75Ω	**31-71052-10RFX**	
					P26	D20	R/P	Iso. Black Housing	Round	75Ω	**31-71053**	
					P26	D20			Fork	75Ω	**31-71053-1010**	
					P26	D22	R/P	Metal Housing	Round	75Ω	**31-71042**	
Vertical Printed Circuit Bulkhead Receptacle (J)☆	Blunt Posts for Signal & Ground	1.40(35.6)	.810(20.6)	.250(6.4)	P26	D17	V/P	Iso. White Housing	Round	75Ω	**31-71058**	3
					P26	D17			Fork	75Ω	**31-71058-1010**	
					P26	D20	V/P	Iso. Black Housing	Round	75Ω	**31-71059**	
					P26	D20			Fork	75Ω	**31-71059-1010**	
					P26	D22	V/P	Metal Housing	Round	75Ω	**31-71045**	
					P26	D22			Fork	75Ω	**31-71045-1010**	
Hex Nut for BNC Bulkhead PCB Receptacles, Package of 100 ea.					P3	—	—	Nickel Plated	—	—	**31-5652**	4
Lockwasher for BNC Bulkhead PCB Receptacles, Package of 100 ea.					P3	—	—	Nickel Plated	—	—	**31-5653**	5

☆ Jam nuts and lockwashers sold separately. See Figs. 4 & 5   ▲ distributor stocked

Mouser Electronics

Authorized Distributor

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

[Amphenol](#):
  [31-5652](#) [31-5653](#)