

PKZ[®] 26 SERIES SIZE 8 CONTACT

U.S. PATENT NO. 4,917,630

JAPANESE PATENT NO. 1769278

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

MECHANICAL

MATERIALS:

BODIES:

Plugs: Brass per ASTM B 16.

Receptacles: Brass per ASTM B 16.

Insulation: Teflon (PTFE) ASTM D 1457.

Retaining Ring: Beryllium Copper per ASTM B 196.

Contacts, Male: Beryllium Copper per ASTM B 196.

Contacts, Female: Beryllium Copper per ASTM B 196.

*Weather Seal Gasket: Silicone Rubber per ZZ-R-765.

*EMI Gasket: Beryllium Copper per ASTM B 194.

PLATING:

Gold per MIL-G-45204.

Copper per MIL-C-14550.

Nickel per QQ-N-290.

FINISH (Add letter to end of part number.)

BODIES AND CONTACTS**

"A": .000050 Min. Gold over Nickel.

"B": .000030 Min. Gold over Nickel.

"C": .000050 Min. Gold over Copper.

"D": .000030 Min. Gold over Copper.

MATING CHARACTERISTICS

Outer Bodies: 3 lbs. Max. Insertion.

2 oz. Min. Withdrawal.

Center Contacts: 16 oz. Max. Insertion.

.5 oz. Min. Withdrawal.

Housing Retention: 12 lbs. Min.

Axial Mating Tolerance: .090

ELECTRICAL

Frequency Range: DC to 32 GHz.

Voltage Rating Straight: 1000 V RMS.

Voltage Rating Angled: 800 V RMS.

Current Rating: 5 Amps.

Insulation Resistance: 2000 Megohms Min.

Insertion Loss: $.06 \times \sqrt{f(\text{GHz})}$ dB.

Contact Resistance: Center Contact 5 Milliohms.

Contact Resistance: Outer Contact 3 Milliohms.

VSWR: 1.08 + .009 (F) GHz, Cable RG402 (.141 S.R.).

1.15 + .02 (F) GHz, Cable 174, 316.

1.15 + .01 (F) GHz, Cable 142, 223, 303, 400.

ENVIRONMENTAL

Operating Temperature Range:

-67° F to +257° F (-55° C to +125° C).

Vibration: MIL-STD-202, Method 204, Test Condition D.

Shock: MIL-STD-202, Method 213, Test Condition I.

Salt Spray: MIL-STD-1344, Method 1001, Condition B.

Durability: 500 Cycles.

Thermal Shock: MIL-STD-202, Method 107,

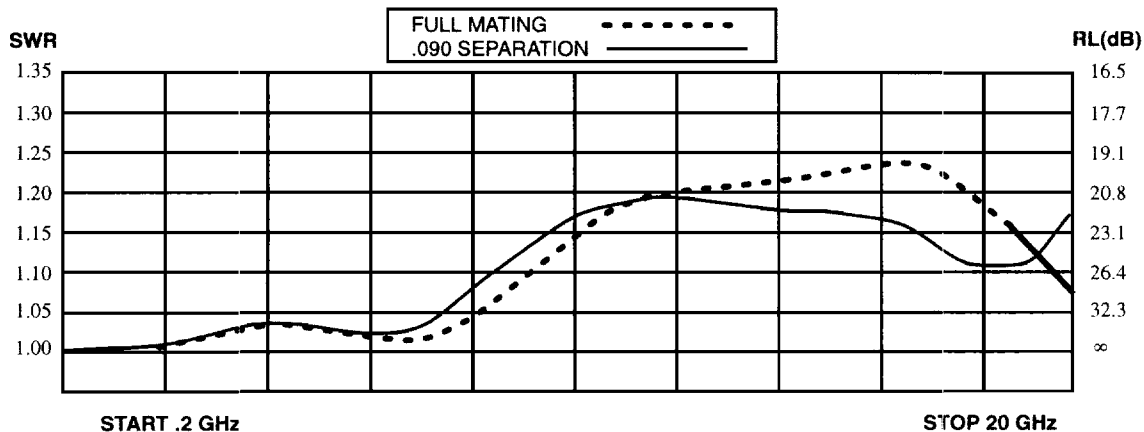
Test Condition B, except High Temp. shall be +185° F (+85° C).

Moisture Resistance: MIL-STD-202, Method 106

(No measurement at High Humidity. Insulation

Resistance 200 Megohms after Humidity.)

TYPICAL VOLTAGE STANDING WAVE RATIO MEASUREMENTS



*See next page for ordering information.

** All other components plated to meet environmental requirements.



THE PHOENIX COMPANY
of CHICAGO, INC.

Dimensions are subject to change without notice.

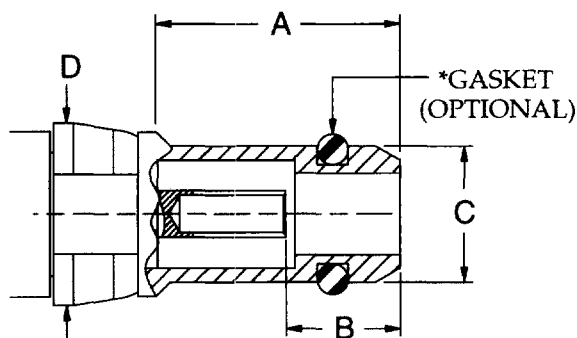
PALCO CONNECTOR

A subsidiary of The Phoenix Company

555 Pond Drive • Wood Dale, IL 60191-1192 • Toll Free (800)323-9562

PKZ[®] 26 SERIES SIZE 8 CONTACT

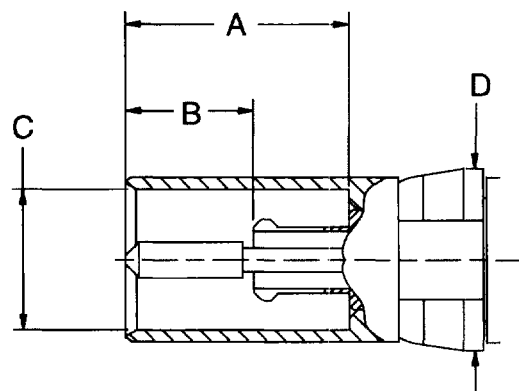
INTERFACE DRAWINGS



PLUG

	INCH	(MM)
A MIN	.250	(6.35)
B	.129	(3.28)
C	$\varnothing \frac{.153}{.156}$	$\varnothing \frac{(3.89)}{(3.96)}$
D	$\varnothing .206$	$\varnothing (5.23)$

	INCH	(MM)
A MIN	.245	(6.22)
B	.145	(3.68)
C MIN	$\varnothing .157$	$\varnothing (3.99)$
D	$\varnothing .206$	$\varnothing (5.23)$

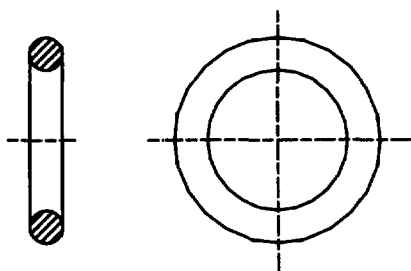


RECEPTACLE

Consult Factory for Contact Part Number with selected gasket installed.

*GASKET

Weather Proof for PkZ[®] Size 8 Contact

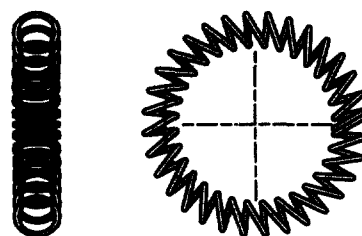


Individual Part Number: 00-60012

Material: Silicone Rubber Per ZZ-R-765

*GASKET

EMI for PkZ[®] Size 8 Contact



Individual Part Number: 00-60018

Material: Beryllium Copper per ASTM-B-194



THE PHOENIX COMPANY
of CHICAGO, INC.

Dimensions are subject to change without notice.

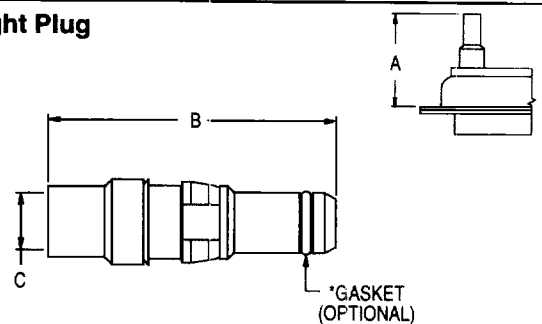
PALCO CONNECTOR
555 Pond Drive • Wood Dale, IL 60191-1192 • Toll Free (800)323-9562

A subsidiary of The Phoenix Company

PKZ® 26 SERIES – SIZE 8 CONTACT DIRECT SOLDER

Part Number	A MAX.	B REF.	C DIA.	Cable
26-0020-1201*	.48 (12.19)	.74 (18.80)	.202 (.513)	RG142B
26-0020-1410*	.48 (12.19)	.74 (18.80)	.145 (3.68)	RG402-M17/130 (.141 S.R.)

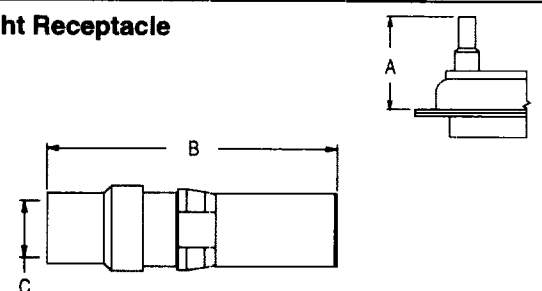
Straight Plug



Direct Solder

Part Number	A MAX.	B REF.	C DIA.	Cable
26-1020-1201*	.42 (10.67)	.69 (17.53)	.202 (.513)	RG142B
26-1020-1410*	.42 (10.67)	.69 (17.53)	.145 (3.68)	RG402-M17/130 (.141 S.R.)

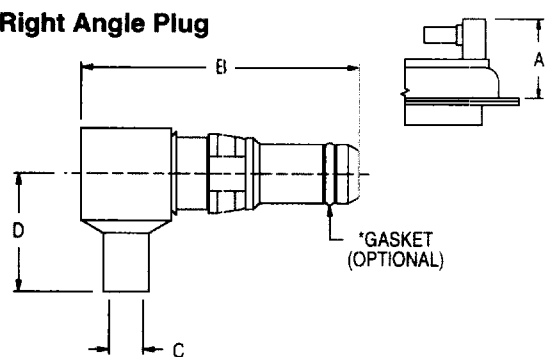
Straight Receptacle



Direct Solder

Part Number	A MAX.	B REF.	C DIA.	D REF.	Cable
26-0520-0470*	.48 (12.19)	.73 (18.54)	.050 (1.27)	.31 (7.87)	M17/151 (.047 S.R.)
26-0520-0860*	.48 (12.19)	.73 (18.54)	.092 (2.34)	.31 (7.87)	RG405-M17/133 (.086 S.R.)
26-0520-1410*	.48 (12.19)	.73 (18.54)	.145 (3.68)	.31 (7.87)	RG402-M17/130 (.141 S.R.)

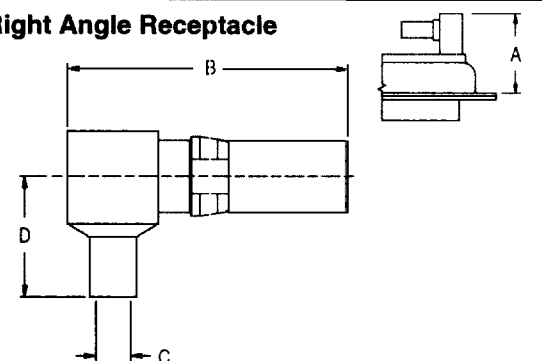
Right Angle Plug



Direct Solder

Part Number	A MAX.	B REF.	C DIA.	D REF.	Cable
26-1520-0470*	.46 (11.68)	.73 (18.54)	.050 (1.27)	.31 (7.87)	M17/151 (.047 S.R.)
26-1520-0860*	.46 (11.68)	.73 (18.54)	.092 (2.34)	.31 (7.87)	RG405-M17/133 (.086 S.R.)
26-1520-1410*	.46 (11.68)	.73 (18.54)	.145 (3.68)	.31 (7.87)	RG402-M17/130 (.141 S.R.)

Right Angle Receptacle



Direct Solder

*See Specification Page for finish suffix and gasket information.



THE PHOENIX COMPANY
of CHICAGO, INC.

Dimensions are subject to change without notice.

PALCO CONNECTOR

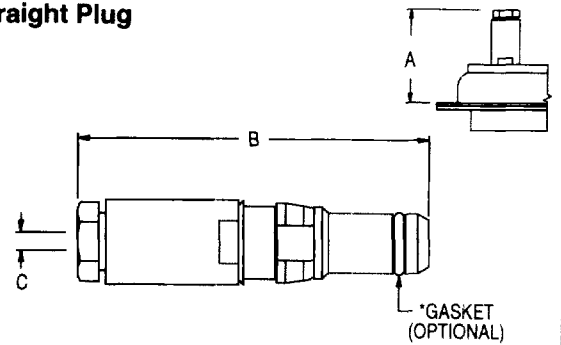
A subsidiary of The Phoenix Company

555 Pond Drive • Wood Dale, IL 60191-1192 • Toll Free (800)323-9562

PKZ® 26 SERIES – SIZE 8 CONTACT SOLDER/CLAMP

Part Number	A MAX.	B REF.	C DIA.	Cable
26-0030-0470*	.66 (16.76)	.91 (23.11)	.050 (1.27)	M17/151 (.047 S.R.)
26-0030-0670*	.66 (16.76)	.91 (23.11)	.092 (2.34)	RG174,188,316
26-0030-2670*	.66 (16.76)	.91 (23.11)	.103 (2.62)	RG316 D.S. (M17/152)
26-0030-0860*	.66 (16.76)	.91 (23.11)	.092 (2.34)	RG405-M17/133 (.086 S.R.)

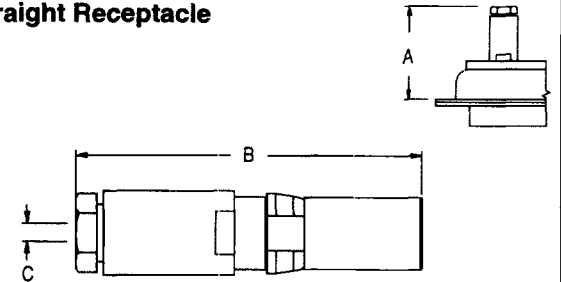
Straight Plug



Solder/Clamp

Part Number	A MAX.	B REF.	C DIA.	Cable
26-1030-0470*	.60 (15.24)	.86 (21.84)	.050 (1.27)	M17/151 (.047 S.R.)
26-1030-0670*	.60 (15.24)	.86 (21.84)	.092 (2.34)	RG174,188,316
26-1030-2670*	.60 (15.24)	.86 (21.84)	.103 (2.62)	RG316 D.S. (M17/152)
26-1030-0860*	.60 (15.24)	.86 (21.84)	.092 (2.34)	RG405-M17/133 (.086 S.R.)

Straight Receptacle



Solder/Clamp

*See Specification Page for finish suffix and gasket information.



THE PHOENIX COMPANY
of CHICAGO, INC.

Dimensions are subject to change without notice.

PALCO CONNECTOR

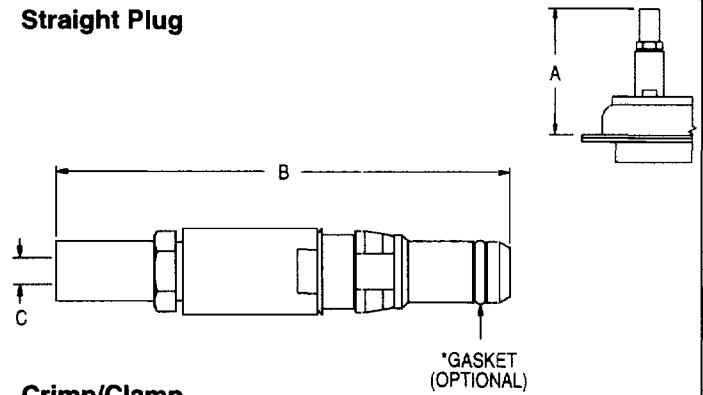
A subsidiary of The Phoenix Company

555 Pond Drive • Wood Dale, IL 60191-1192 • Toll Free (800)323-9562

PKZ® 26 SERIES – SIZE 8 CONTACT **CRIMP/CLAMP, CRIMP**

Part Number	A MAX.	B REF.	C DIA.	Cable
26-0080-0670*	.91 (23.11)	1.15 (29.21)	.067 (1.70)	RG174,188,316
26-0080-1201*	.91 (23.11)	1.15 (29.21)	.122 (3.10)	RG55,142,223
26-0080-2670*	.91 (23.11)	1.15 (29.21)	.067 (1.70)	RG316 D.S. (M17/152)

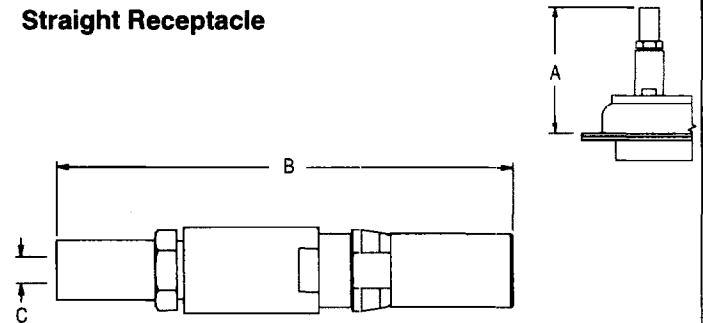
Straight Plug



Crimp/Clamp

Part Number	A MAX.	B REF.	C DIA.	Cable
26-1080-0670*	.85 (21.59)	1.11 (28.19)	.067 (1.70)	RG174,188,316
26-1080-1201*	.85 (21.59)	1.11 (28.19)	.122 (3.10)	RG55,142,223
26-1080-2670*	.85 (21.59)	1.11 (28.19)	.067 (1.70)	RG316 D.S. (M17/152)

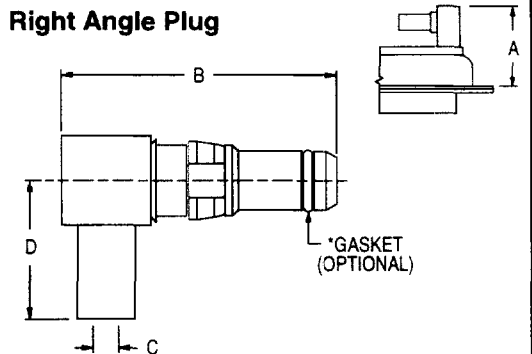
Straight Receptacle



Crimp/Clamp

Part Number	A MAX.	B REF.	C DIA.	D REF.	Cable
26-0580-0670*	.47 (11.94)	.73 (18.54)	.067 (1.70)	.37 (9.40)	RG174,188,316
26-0580-1201*	.47 (11.94)	.73 (18.54)	.122 (3.10)	.50 (12.70)	RG55,142,223,400
26-0580-2670*	.47 (11.94)	.73 (18.54)	.067 (1.70)	.37 (9.40)	RG316 D.S. (M17/152)

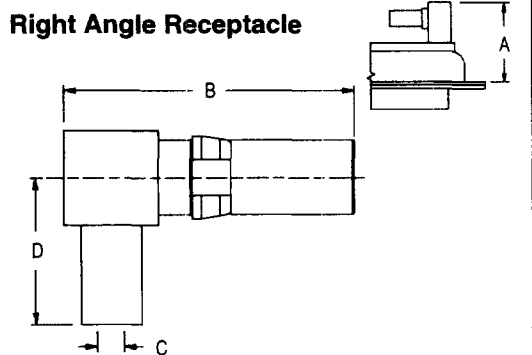
Right Angle Plug



Crimp

Part Number	A MAX.	B REF.	C DIA.	D REF.	Cable
26-1580-0670*	.46 (11.68)	.73 (18.54)	.067 (1.70)	.37 (9.40)	RG174,188,316
26-1580-1201*	.46 (11.68)	.73 (18.54)	.122 (3.10)	.50 (12.70)	RG55,142,223,400
26-1580-2670*	.46 (11.68)	.73 (18.54)	.067 (1.70)	.37 (9.40)	RG316 D.S. (M17/152)

Right Angle Receptacle



Crimp

*See Specification Page for finish suffix and gasket information.



THE PHOENIX COMPANY
of CHICAGO, INC.

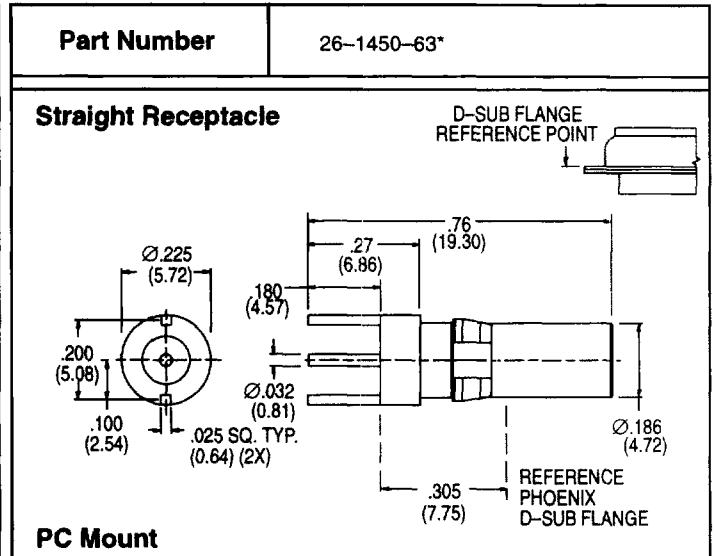
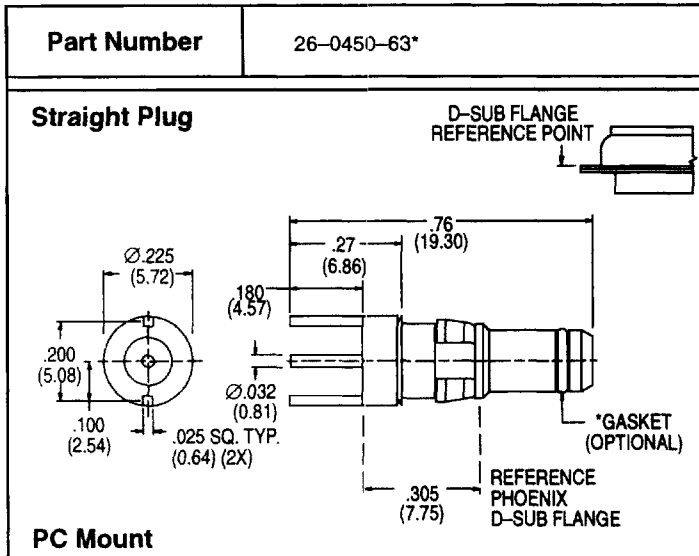
Dimensions are subject to change without notice.

PALCO CONNECTOR

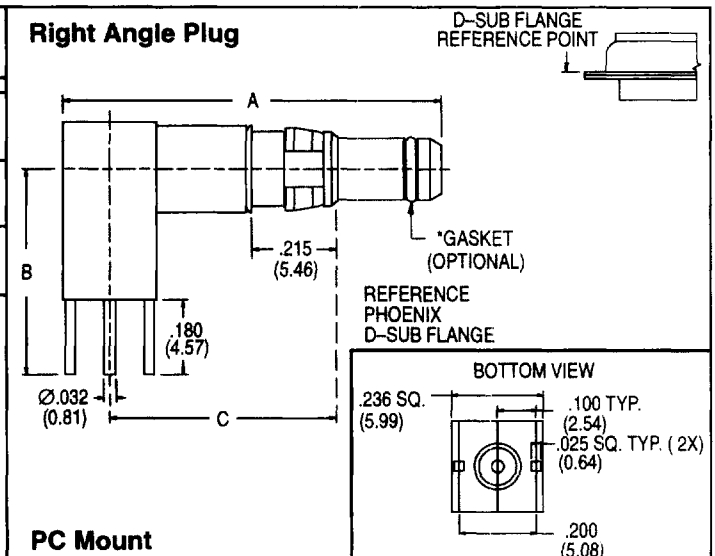
A subsidiary of The Phoenix Company

555 Pond Drive • Wood Dale, IL 60191-1192 • Toll Free (800)323-9562

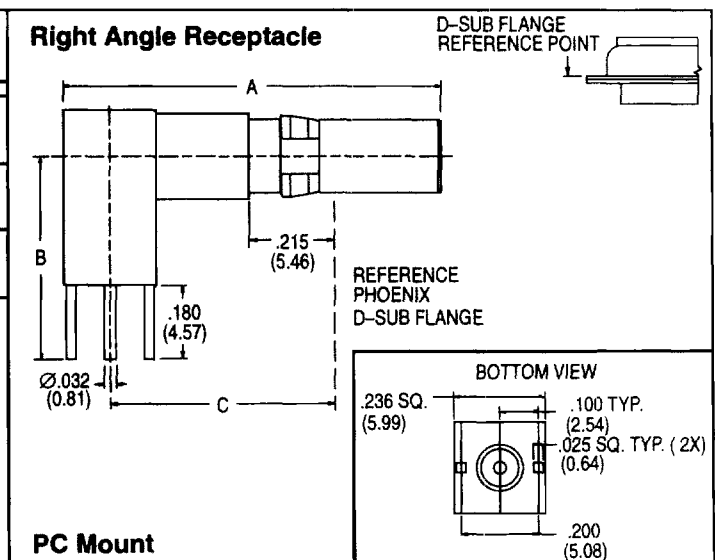
PKZ® 26 SERIES – SIZE 8 CONTACT PRINTED CIRCUIT MOUNT



Part Number	A	B REF.	C	Fits Shell
26-2450-63*	.96 (24.38)	.515 (13.08)	.570 (14.48)	D
26-2450-73*	.86 (21.84)	.400 (10.16)	.470 (11.94)	E,A,B,C
26-2450-83*	.76 (19.30)	.400 (10.16)	.370 (9.40)	E,A,B,C



Part Number	A	B REF.	C	Fits Shell
26-3450-63*	.96 (24.38)	.515 (13.08)	.570 (14.48)	D
26-3450-73*	.86 (21.84)	.400 (10.16)	.470 (11.94)	E,A,B,C
26-3450-83*	.76 (19.30)	.400 (10.16)	.370 (9.40)	E,A,B,C



*See Specification Page for finish and gasket information.



THE PHOENIX COMPANY
of CHICAGO, INC.

Dimensions are subject to change without notice.

PALCO CONNECTOR

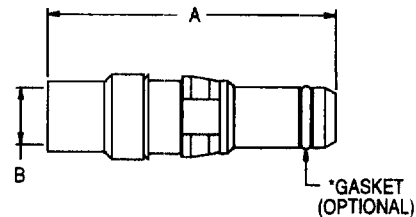
A subsidiary of The Phoenix Company

555 Pond Drive • Wood Dale, IL 60191-1192 • Toll Free (800)323-9562

**PKZ® 26D SERIES – SIZE 8 CONTACT
DIRECT SOLDER – FOR DIN 41612 HOUSING**

Part Number	A REF.	B DIA.	Cable
26D-0020-1410*	.74 (18.80)	.145 (3.68)	RG402-M17/130 (.141 S.R.)

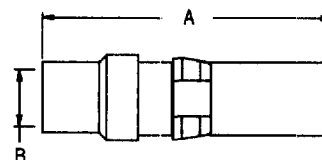
Straight Plug



Direct Solder

Part Number	A REF.	B DIA.	Cable
26D-1020-1410*	.69 (17.53)	.145 (3.68)	RG402-M17/130 (.141 S.R.)

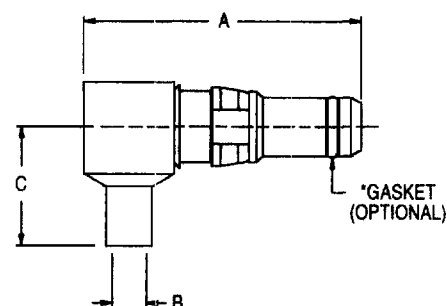
Straight Receptacle



Direct Solder

Part Number	A REF.	B DIA.	C REF.	Cable
26D-0520-0860*	.73 (18.54)	.092 (2.34)	.31 (7.87)	RG405-M17/133 (.086 S.R.)
26D-0520-1410*	.73 (18.54)	.145 (3.68)	.31 (7.87)	RG402-M17/130 (.141 S.R.)

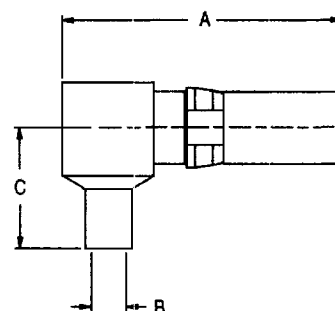
Right Angle Plug



Direct Solder

Part Number	A REF.	B DIA.	C REF.	Cable
26D-1520-0860*	.70 (17.78)	.092 (2.34)	.31 (7.87)	RG405-M17/133 (.086 S.R.)
26D-1520-1410*	.70 (17.78)	.145 (3.68)	.31 (7.87)	RG402-M17/130 (.141 S.R.)

Right Angle Receptacle



Direct Solder

*See Specification Page for finish suffix and gasket information.



THE PHOENIX COMPANY
of CHICAGO, INC.

Dimensions are subject to change without notice.

PALCO CONNECTOR

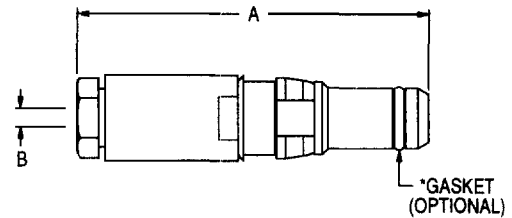
A subsidiary of The Phoenix Company

555 Pond Drive • Wood Dale, IL 60191-1192 • Toll Free (800)323-9562

**PKZ® 26D SERIES – SIZE 8 CONTACT
SOLDER/CLAMP – FOR DIN 41612 HOUSING**

Part Number	A REF.	B DIA.	Cable
26D-0030-0470*	.91 (23.11)	.050 (1.27)	M17/151 (.047 S.R.)
26D-0030-0670*	.91 (23.11)	.092 (2.34)	RG174,188,316
26D-0030-2670*	.91 (23.11)	.103 (2.62)	RG316 D.S. (M17/152)
26D-0030-0860*	.91 (23.11)	.092 (2.34)	RG405-M17/133 (.086 S.R.)

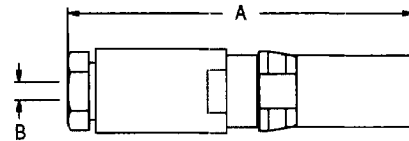
Straight Plug



Solder/Clamp

Part Number	A REF.	B DIA.	Cable
26D-1030-0470*	.86 (21.84)	.050 (1.27)	M17/151 (.047 S.R.)
26D-1030-0670*	.86 (21.84)	.092 (2.34)	RG174,188,316
26D-1030-2670*	.86 (21.84)	.103 (2.62)	RG316 D.S. (M17/152)
26D-1030-0860*	.86 (21.84)	.092 (2.34)	RG405-M17/133 (.086 S.R.)

Straight Receptacle



Solder/Clamp

*See Specification Page for finish suffix and gasket information.



THE PHOENIX COMPANY
of CHICAGO, INC.

Dimensions are subject to change without notice.

PALCO CONNECTOR

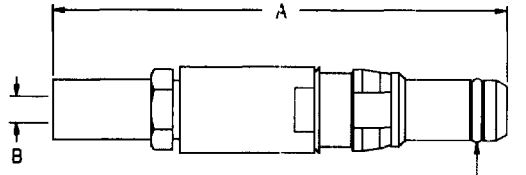
A subsidiary of The Phoenix Company

555 Pond Drive • Wood Dale, IL 60191-1192 • Toll Free (800)323-9562

PKZ® 26D SERIES – SIZE 8 CONTACT
CRIMP/CLAMP, CRIMP – FOR DIN 41612 HOUSING

Part Number	A REF.	B DIA.	Cable
26D-0080-0670*	1.15 (29.21)	.067 (1.70)	RG174,188,316
26D-0080-2670*	1.15 (29.21)	.067 (1.70)	RG316 D.S. (M17/152)

Straight Plug



*GASKET
(OPTIONAL)

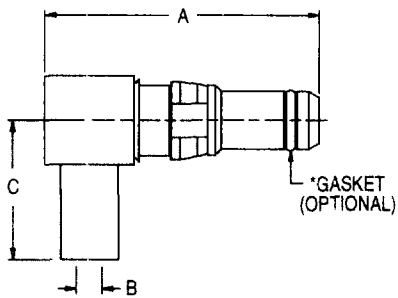
Crimp/Clamp

Part Number	A REF.	B DIA.	Cable	Straight Receptacle
26D-1080-0670*	1.11 (28.19)	.067 (1.70)	RG174,188,316	
26D-1080-2670*	1.11 (28.19)	.067 (1.70)	RG316 D.S. (M17/152)	

Crimp/Clamp	
-------------	--

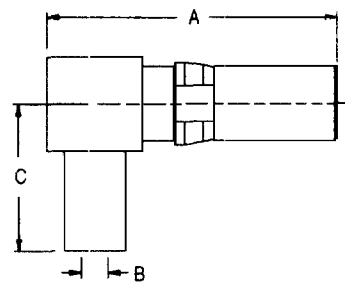
Part Number	A REF.	B DIA.	C REF.	Cable
26D-0580-0670*	.73 (18.54)	.067 (1.70)	.37 (9.40)	RG174,188,316
26D-0580-2670*	.73 (18.54)	.067 (1.70)	.37 (9.40)	RG316 D.S. (M17/152)

Right Angle Plug



*GASKET
(OPTIONAL)

Crimp

Part Number	A REF.	B DIA.	C REF.	Cable	Right Angle Receptacle 
26D-1580-0670*	.70 (17.78)	.067 (1.70)	.37 (9.40)	RG174,188,316	
26D-1580-2670*	.70 (17.78)	.067 (1.70)	.37 (9.40)	RG316 D.S. (M17/152)	
					Crimp

*See Specification Page for finish suffix and gasket information.



THE PHOENIX COMPANY
of CHICAGO, INC.

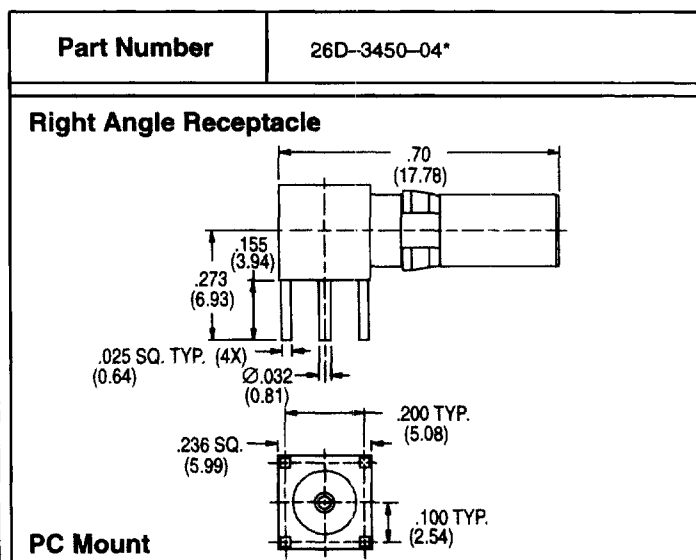
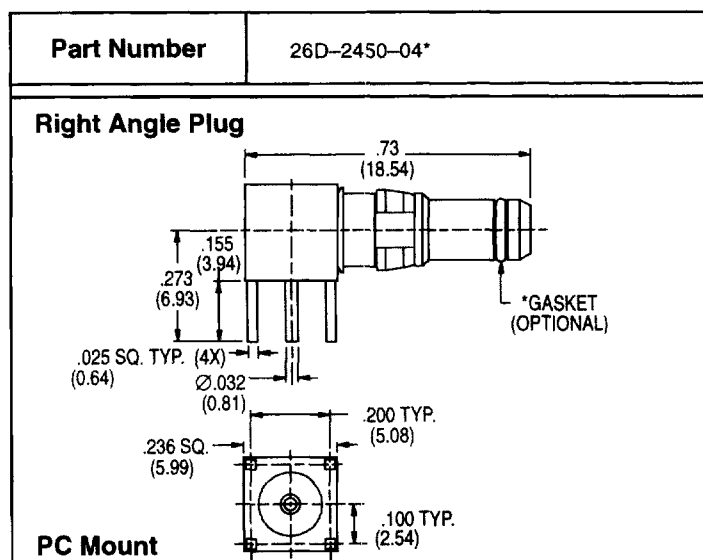
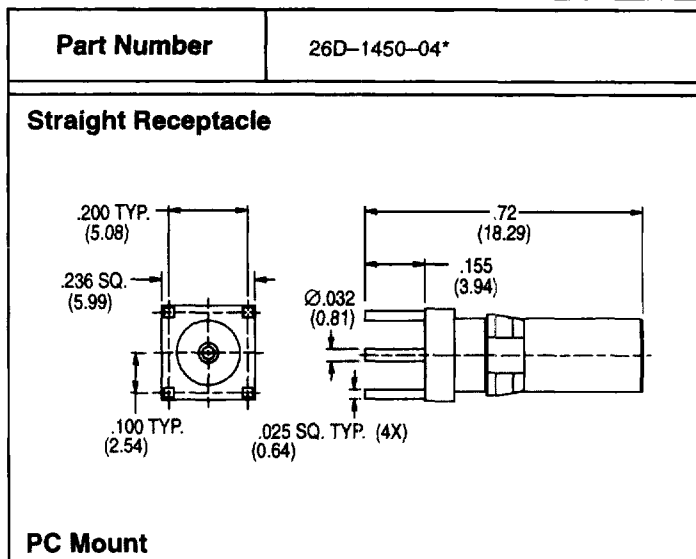
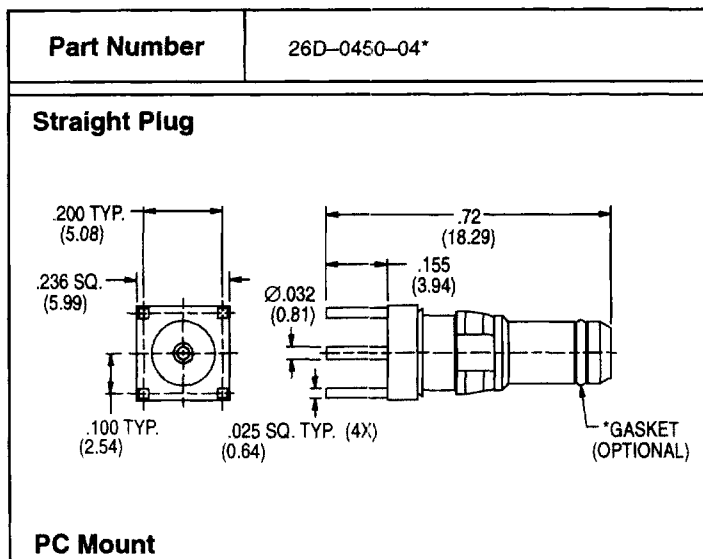
Dimensions are subject to change without notice.

PALCO CONNECTOR

A subsidiary of The Phoenix Company

555 Pond Drive • Wood Dale, IL 60191-1192 • Toll Free (800)323-9562

PKZ® 26D SERIES – SIZE 8 CONTACT
PRINTED CIRCUIT MOUNT – FOR DIN 41612 HOUSING



*See Specification Page for finish suffix and gasket information.



THE PHOENIX COMPANY
of CHICAGO, INC.

Dimensions are subject to change without notice.

PALCO CONNECTOR

A subsidiary of The Phoenix Company

555 Pond Drive • Wood Dale, IL 60191-1192 • Toll Free (800)323-9562