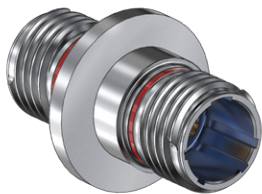


806-082 Bulkhead
Feed-Thru, Hermetic

How-to-Order
Glass-Sealed Hermetic



PART NUMBER

806-082		-07	Z1	9	RF1	P	P	-01
Base P/N	Series 806 RF Hermetic Feedthru							
Mounting Type	-01 Box Mount -07 Jam-Nut Mount -13 Weld Mount							
Finish	Z1 Passivated ZL Nickel Plated							
Shell Size	7, 8, 9, 10, 11, 12, 14, 16, 18, 20, 22, 24							
Insert Arrangement and RF Contact	See Contact Arrangements Table							
Contact Style	P=Pin to Pin configuration							
Keyway Polarization	See Polarization Key Code Table							
Panel Thickness	-01 .125 -02 .250 -03 .500							

POLARIZATION KEY CODE TABLE

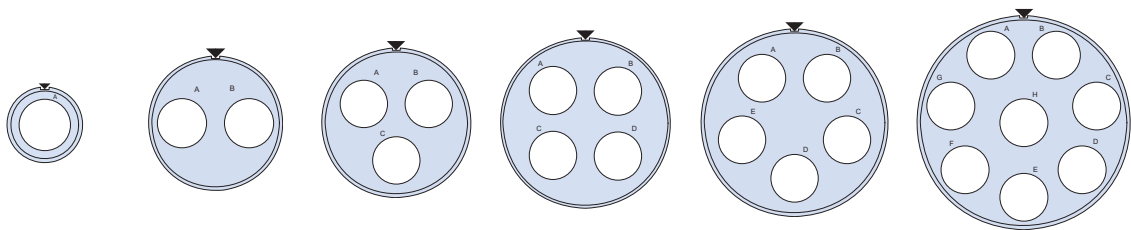
POS	A	B	C	D
A	105	140	215	265
B	102	170	248	305
C	80	150	230	295
D	68	140	205	275
E	64	155	234	304
F	72	120	200	298

Series 806 RF Size 8 Contact Arrangements

Optimized for Size
#8 BMB Contacts

Cable Diameter:
.240" Max
.304" Max w/ G-Link

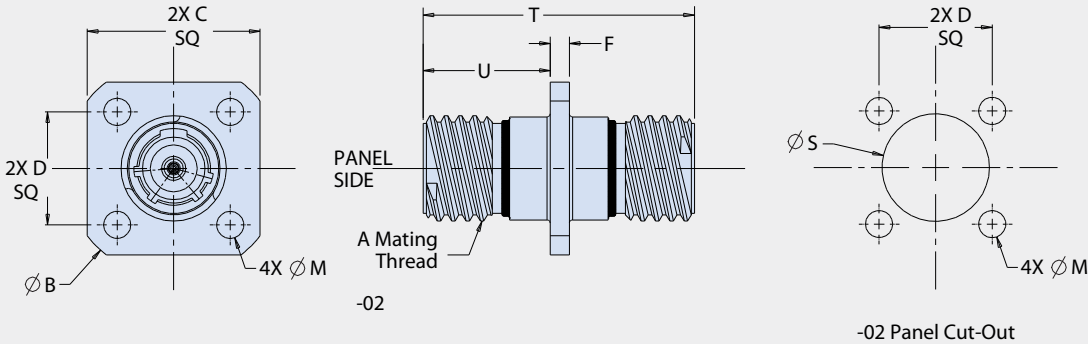
Max Frequency:
18 GHz



Arrangement No.	10RF1	16RF2	18RF3	20RF4	22RF5	24RF8
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806-082-01 Bulkhead
Feed-Thru, Box-Mount, Hermetic

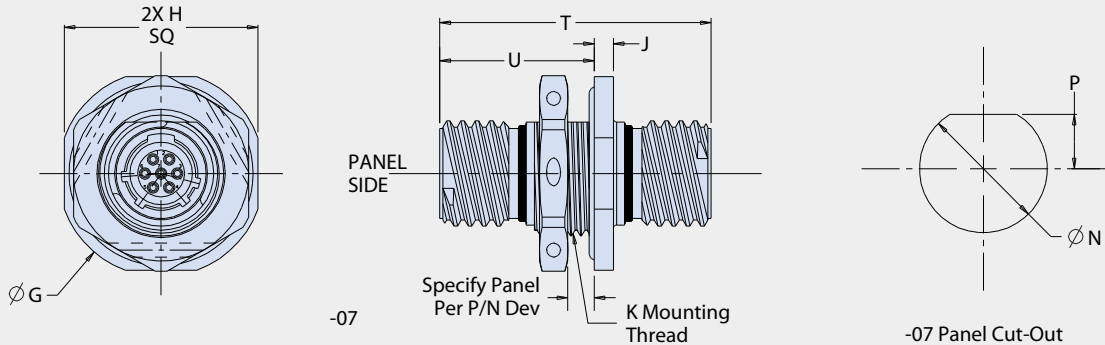
806-082-01 BOX MOUNT



Shell Size	A Thread Mating	Ø B Max Flange	C Square Max Flange Flats	D Square BSC Mounting Holes	F Max Flange	Ø M Thru MTG Holes	Ø S Thru	PANEL THICKNESS	
								T Max	U Max
7	.4375-.067P-.2L-TS-2A	.968 (24.59)	.750 (19.05)	.469 (11.91)	.100 (2.54)	.128 (3.25)	.445 (11.30)	-02	1.400 (35.56)
8	.5000-.067P-.2L-TS-2A	1.040 (26.42)	.822 (20.88)	.531 (13.49)			.509 (12.93)		.875 (22.23)
9	.5625-.067P-.2L-TS-2A	1.130 (28.70)	.885 (22.48)	.594 (15.09)			.577 (14.66)	-03	1.650 (41.91)
10	.6250-.067P-.2L-TS-2A	1.174 (29.82)	.913 (23.19)	.625 (15.88)			.645 (16.38)		1.125 (28.58)
11	.6875-.067P-.2L-TS-2A	1.240 (31.50)	.960 (24.38)	.670 (17.02)			.712 (18.08)		
12	.7500-.067P-.2L-TS-2A	1.354 (34.39)	1.040 (26.42)	.765 (19.43)			.768 (19.51)		
14	.8750-.067P-.2L-TS-2A	1.510 (38.35)	1.133 (28.78)	.859 (21.82)			.890 (22.61)		
16	1.0000-.067P-.2L-TS-2A	1.620 (41.15)	1.227 (31.17)	.938 (23.83)			1.015 (25.78)		
18	1.1250-.067P-.2L-TS-2A	1.784 (45.31)	1.320 (33.53)	1.016 (25.81)	.125 (3.18)	.154 (3.91)	1.125 (28.58)		
20	1.2500-.067P-.2L-TS-2A	1.810 (45.97)	1.444 (36.68)	1.109 (28.17)			1.275 (32.39)		
22	1.3750-.067P-.2L-TS-2A	2.083 (52.91)	1.570 (39.88)	1.203 (30.56)			1.400 (35.56)		
24	1.5000-.067P-.2L-TS-2A	2.200 (55.88)	1.686 (42.82)	1.312 (33.32)			1.525 (38.73)		

806-082-07 Bulkhead Feed-Thru,
Jam-Nut, Hermetic

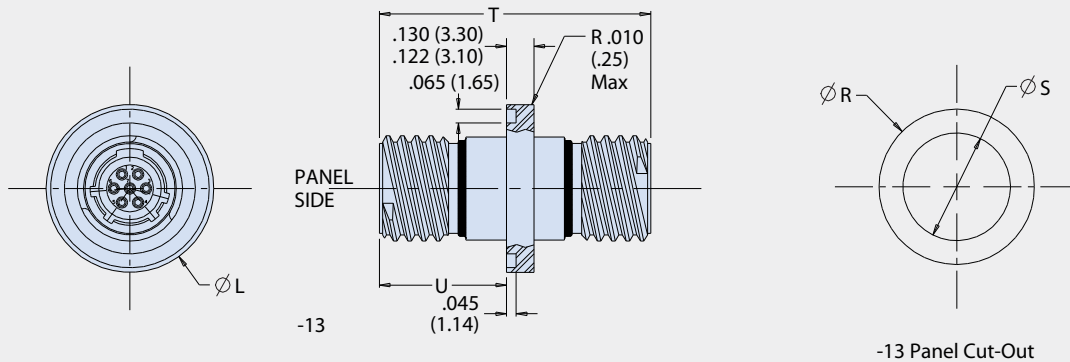
806-082-07 JAM-NUT MOUNT



Shell Size	A Thread Mating	Ø G Max Flange	H Square Max Flange Flats	J Max Flange	K Thread Mounting	Ø N +.005/- .000 Mounting Hole	P +.005/- .000 Mounting Flat	PANEL THICKNESS	
								T Max	U Max
7	.4375-.067P-.2L-TS-2A	.848 (21.54)	.908 (23.06)	.100 (2.54)	M13 X 1-6g .100R	.522 (13.26)	.224 (5.69)	-02	1.400 (35.56)
8	.5000-.067P-.2L-TS-2A	.980 (24.89)	.920 (23.37)		M15 X 1-6g .100R	.601 (15.27)	.256 (6.50)		.875 (22.23)
9	.5625-.067P-.2L-TS-2A	1.040 (26.42)	.980 (24.89)		M16 X 1-6g .100R	.640 (16.26)	.287 (7.29)	-03	1.650 (41.91)
10	.6250-.067P-.2L-TS-2A	1.110 (28.19)	1.050 (26.67)		M18 X 1-6g .100R	.719 (18.26)	.318 (8.08)		1.125 (28.58)
11	.6875-.067P-.2L-TS-2A	1.160 (29.46)	1.110 (28.19)		M19 X 1-6g .100R	.759 (19.28)	.350 (8.89)		
12	.7500-.067P-.2L-TS-2A	1.230 (31.24)	1.170 (29.72)		M21 X 1-6g .100R	.837 (21.26)	.381 (9.68)		
14	.8750-.067P-.2L-TS-2A	1.360 (34.54)	1.320 (33.53)		M24 X 1-6g .100R	.955 (24.26)	.443 (11.25)		
16	1.0000-.067P-.2L-TS-2A	1.515 (38.48)	1.444 (36.68)		M27 X 1-6g .100R	1.073 (27.25)	.505 (12.83)		
18	1.1250-.067P-.2L-TS-2A	1.610 (40.89)	1.570 (39.88)	.128 (3.25)	M30 X 1-6g .100R	1.192 (30.28)	.568 (14.43)		
20	1.2500-.067P-.2L-TS-2A	1.850 (46.99)	1.760 (44.70)		M34 X 1-6g .100R	1.349 (34.26)	.630 (16.00)		
22	1.3750-.067P-.2L-TS-2A	2.010 (51.05)	1.913 (48.59)		M37 X 1-6g .100R	1.467 (37.26)	.693 (17.60)		
24	1.5000-.067P-.2L-TS-2A	2.195 (55.75)	2.070 (52.58)		M41 X 1-6g .100R	1.624 (41.25)	.755 (19.18)		

806-082-13 Bulkhead Feed-Thru, Weld-Mount, Hermetic

806-082-13 WELD-MOUNT



Shell Size	A Thread Mating	Ø L ±.002 Flange	Ø R ±.002 MTG Hole	Ø S Thru
7	.4375-.067P-.2L-TS-2A	.725 (18.42)	.730 (18.54)	.445 (11.30)
8	.5000-.067P-.2L-TS-2A	.788 (20.02)	.793 (20.14)	.509 (12.93)
9	.5625-.067P-.2L-TS-2A	.912 (23.16)	.917 (23.29)	.577 (14.66)
10	.6250-.067P-.2L-TS-2A	.975 (24.76)	.980 (24.89)	.645 (16.38)
11	.6875-.067P-.2L-TS-2A	1.038 (26.37)	1.043 (26.49)	.712 (18.08)
12	.7500-.067P-.2L-TS-2A	1.100 (27.94)	1.105 (28.07)	.768 (19.51)
14	.8750-.067P-.2L-TS-2A	1.225 (31.12)	1.230 (31.24)	.890 (22.61)
16	1.0000-.067P-.2L-TS-2A	1.350 (34.29)	1.355 (34.42)	1.015 (25.78)
18	1.1250-.067P-.2L-TS-2A	1.475 (37.47)	1.480 (37.59)	1.125 (28.58)
20	1.2500-.067P-.2L-TS-2A	1.600 (40.64)	1.605 (40.77)	1.275 (32.39)
22	1.3750-.067P-.2L-TS-2A	1.725 (43.82)	1.730 (43.94)	1.400 (35.56)
24	1.5000-.067P-.2L-TS-2A	1.850 (46.99)	1.855 (47.12)	1.525 (38.73)

PANEL THICKNESS

	T Max	U Max
-02	1.400 (35.56)	.875 (22.23)
-03	1.650 (41.91)	1.125 (28.58)