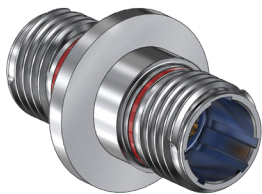


806-082 Bulkhead
Feed-Thru, Hermetic

How-to-Order
Glass-Sealed Hermetic



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

PART NUMBER

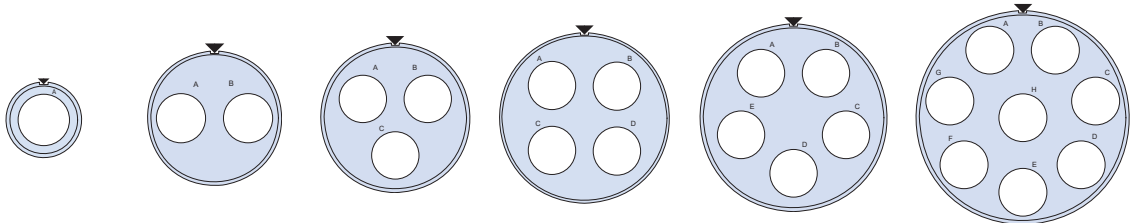
Base P/N		Series 806 RF Hermetic Feedthru	
Mounting Type	01	Box Mount	
	07	Jam-Nut Mount	
	13	Weld Mount	
Finish	Z1	Passivated	
	ZL	Nickel Plated	
Shell Size	7, 8, 9, 10, 11, 12, 14, 16, 18, 20, 22, 24		
Insert Arrangement and RF Contact	See Contact Arrangements Table		
Contact Style	P=Pin to Pin configuration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

Series 806 RF Size 8 Contact Arrangements

Optimized for Size
#8 BMB Contacts

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

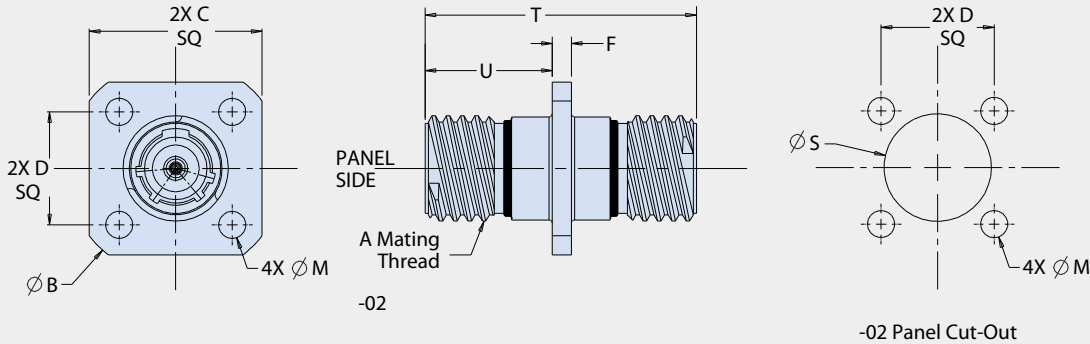
Max Frequency:
18 GHz



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

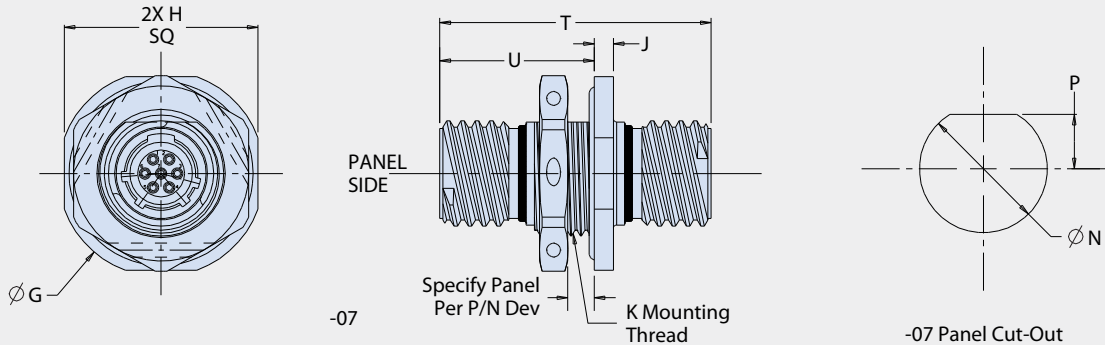
806-082-01 BOX MOUNT



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

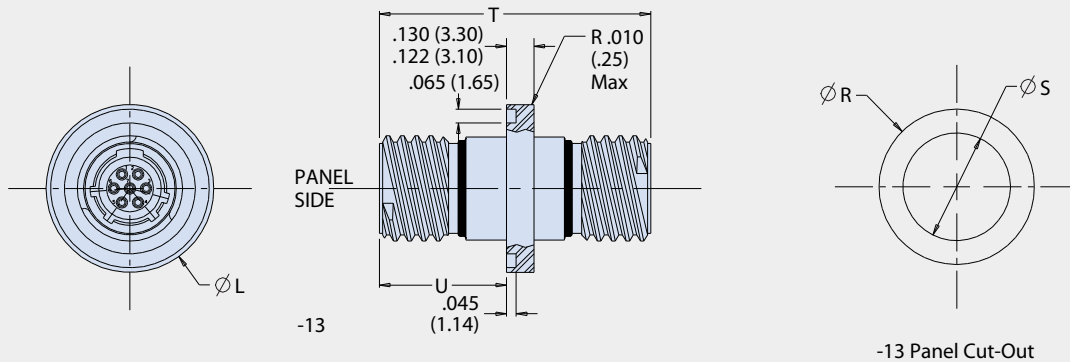
806-082-07 JAM-NUT MOUNT



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)