

Full Performance Amplifiers

B-74-09-51

Flatpack Package

T-74-09-01

Model No.	Freq. Range (MHz)	Gain (dB)		Noise Figure (dB)		Power Output (dBm)		Third Order Intercept Point Typ (dBm)	VSWR MAX In/Out	Power Typ	
		Typ	Min	Typ	Max	Typ	Min			Vdc	mA
FP6146	5-500	21.0	20.5	5.0	5.5	+21	+20	+34	1.5:1	+15	130
FP9130	200-2000	23.5	22.0	5.0	6.5	+15	+13.5	+27	2.0:1	+15	90

Limiting Amplifiers

**Available in 4 Pin TO-8, Flatpacks,
Surface Mount Packages and Connectorized Housings**

Model No.	Freq. Range (MHz)	Gain (dB)		Output Level Saturated dBm	Noise Figure	Power Outlet 1 dB Comp pt. Min dBm	VSWR MAX	Power Typ	
		Typ	Min					Vdc	mA
TL9002	50-500	12.5	11.0	+15.0	9.0	+8.0	2.0:1	+15	54
TL9004	50-500	10.0	9.0	+13.5	9.0	+8.0	2.0:1	+12	50

Multi Stage Amplifiers**4 Pin Dip Package**

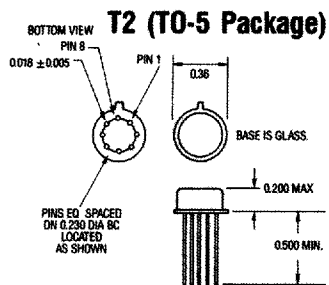
(Listed by increasing Frequency, Noise Figure, and Power)

Model No.	Freq. Range (MHz)	Gain (dB)		Noise Figure (dB)		Power Output (dBm)		Third Order Intercept Point Typ (dBm)	VSWR MAX In/Out	Power Typ	
		Typ	Min	Typ	Max	Typ	Min			Vdc	mA
DM4175	1-250	33.5	31.0	4.8	5.3	+10.5	+9.0	+25	2.0:1	+12	55
DM4178	1-250	21.0	20.0	6.0	7.0	+21.0	+20.0	+34	2.0:1	+15	120
DM4177	5-250	32.0	30.5	5.8	6.3	+9.0	+8.0	+21	2.0:1	+12	60
DM4179	5-250	21.0	20.0	6.0	7.0	+21.0	+20.0	+34	2.0:1	+15	120
DM4180	5-400	25.0	24.0	5.2	7.0	+22.0	+20.0	+30	2.0:1	+15	125
DM4150	5-500	25.0	24.0	2.3	2.7	+6.0	+5.0	+16	2.0:1	+12	40
DM4152	5-500	32.0	30.5	5.7	6.2	+9.0	+8.0	+21	2.0:1	+12	60

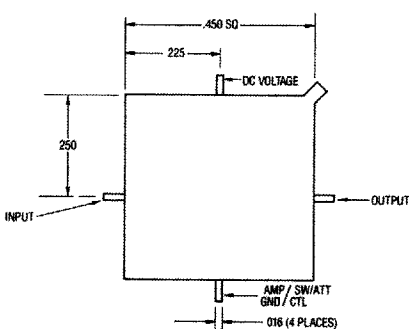
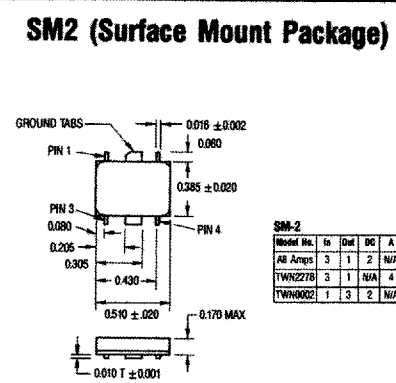
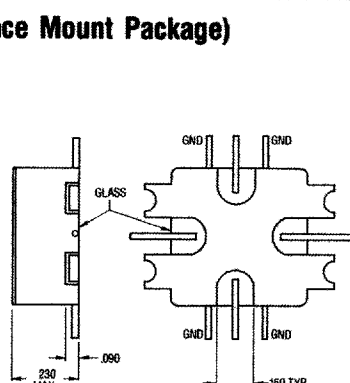
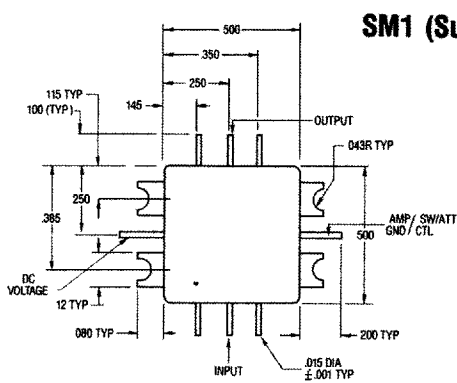
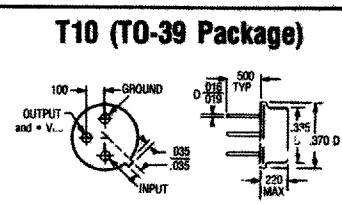
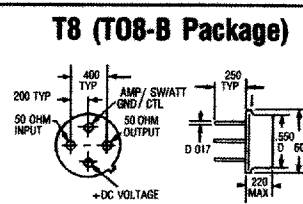
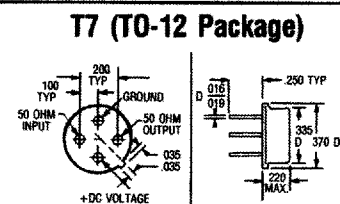
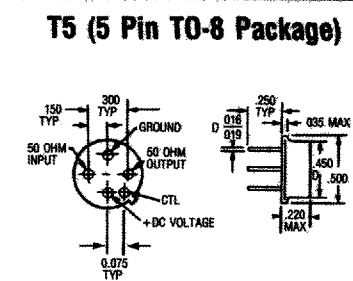
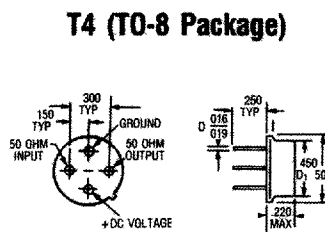
Outline Drawings

All unmarked Pins are internally grounded.

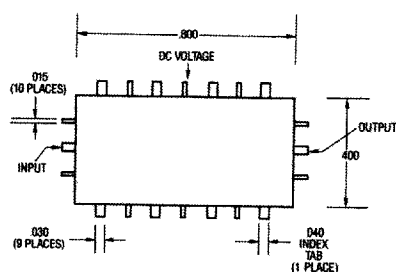
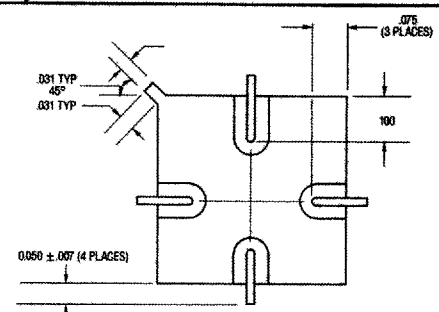
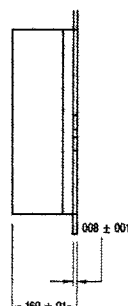
T-90-20



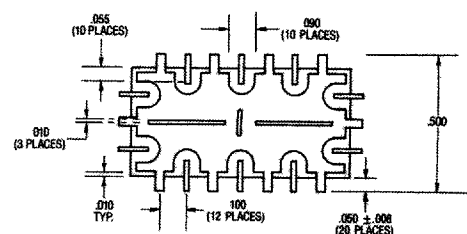
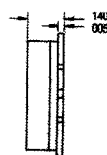
Model No.	RF1	RF2	A	B	CON	+Y	-Y	CTL
TVW2213	2	6	3	5	N/A	N/A	N/A	N/A
TVW2204	2	6	3	5	8	N/A	N/A	N/A
TVW2224	2	6	N/A	N/A	8	3	5	4



SM3 (Surface Mount Package)

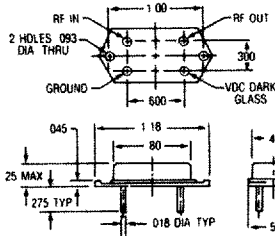


SM4 (Surface Mount Package)

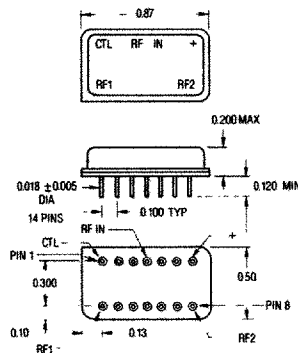


Outline Drawings *All unmarked Pins are internally grounded.*

DP1 (Dip)



DP3 (Dip)

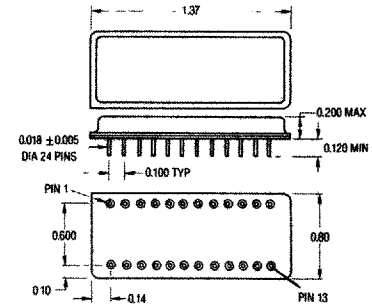


DP-3

Model No.	COM	RF1	RF2	+V	CTL
ALL	4	14	8	7	1
TW5001 ONLY	4	14	8	3	5

RF 2 not used on SPST Switches
+V = +5 Vdc ± 15V

DP5 (Dip)



DP-5 Switches

Model No.	COM	RF1	RF2	RF3	RF4	RF5	RF6	RF7	RF8	CTL	CTL	CTL	+	-
TAD5003	7	1	24	13	12	N/A	N/A	N/A	N/A	21	20	17	18	N/A
TAD5004	7	1	24	13	12	N/A	N/A	N/A	N/A	20	18	17	21	16
TAD5005	19	1	3	10	12	13	15	22	24	5	6	7	N/A	8

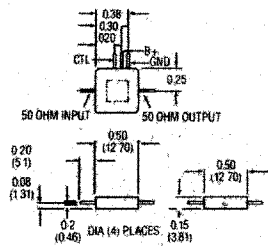
DP-5 Digital Attenuators

Model No.	RF Input	RF Output	1.5	1.8	2.8	3.8	4.8	5.8	6.8	7.8	8.8	9.8	10.8	11.8	12.8	13.8	14.8	15.8	16.8	17.8	18.8	19.8	20.8	21.8	22.8	23.8	24.8	25.8	26.8	27.8	28.8	29.8	30.8	31.8	32.8	33.8	34.8	35.8	36.8	37.8	38.8	39.8	40.8	41.8	42.8	43.8	44.8	45.8	46.8	47.8	48.8	49.8	50.8	51.8	52.8	53.8	54.8	55.8	56.8	57.8	58.8	59.8	60.8	61.8	62.8	63.8	64.8	65.8	66.8	67.8	68.8	69.8	70.8	71.8	72.8	73.8	74.8	75.8	76.8	77.8	78.8	79.8	80.8	81.8	82.8	83.8	84.8	85.8	86.8	87.8	88.8	89.8	90.8	91.8	92.8	93.8	94.8	95.8	96.8	97.8	98.8	99.8	100.8	101.8	102.8	103.8	104.8	105.8	106.8	107.8	108.8	109.8	110.8	111.8	112.8	113.8	114.8	115.8	116.8	117.8	118.8	119.8	120.8	121.8	122.8	123.8	124.8	125.8	126.8	127.8	128.8	129.8	130.8	131.8	132.8	133.8	134.8	135.8	136.8	137.8	138.8	139.8	140.8	141.8	142.8	143.8	144.8	145.8	146.8	147.8	148.8	149.8	150.8	151.8	152.8	153.8	154.8	155.8	156.8	157.8	158.8	159.8	160.8	161.8	162.8	163.8	164.8	165.8	166.8	167.8	168.8	169.8	170.8	171.8	172.8	173.8	174.8	175.8	176.8	177.8	178.8	179.8	180.8	181.8	182.8	183.8	184.8	185.8	186.8	187.8	188.8	189.8	190.8	191.8	192.8	193.8	194.8	195.8	196.8	197.8	198.8	199.8	200.8	201.8	202.8	203.8	204.8	205.8	206.8	207.8	208.8	209.8	210.8	211.8	212.8	213.8	214.8	215.8	216.8	217.8	218.8	219.8	220.8	221.8	222.8	223.8	224.8	225.8	226.8	227.8	228.8	229.8	230.8	231.8	232.8	233.8	234.8	235.8	236.8	237.8	238.8	239.8	240.8	241.8	242.8	243.8	244.8	245.8	246.8	247.8	248.8	249.8	250.8	251.8	252.8	253.8	254.8	255.8	256.8	257.8	258.8	259.8	260.8	261.8	262.8	263.8	264.8	265.8	266.8	267.8	268.8	269.8	270.8	271.8	272.8	273.8	274.8	275.8	276.8	277.8	278.8	279.8	280.8	281.8	282.8	283.8	284.8	285.8	286.8	287.8	288.8	289.8	290.8	291.8	292.8	293.8	294.8	295.8	296.8	297.8	298.8	299.8	300.8	301.8	302.8	303.8	304.8	305.8	306.8	307.8	308.8	309.8	310.8	311.8	312.8	313.8	314.8	315.8	316.8	317.8	318.8	319.8	320.8	321.8	322.8	323.8	324.8	325.8	326.8	327.8	328.8	329.8	330.8	331.8	332.8	333.8	334.8	335.8	336.8	337.8	338.8	339.8	340.8	341.8	342.8	343.8	344.8	345.8	346.8	347.8	348.8	349.8	350.8	351.8	352.8	353.8	354.8	355.8	356.8	357.8	358.8	359.8	360.8	361.8	362.8	363.8	364.8	365.8	366.8	367.8	368.8	369.8	370.8	371.8	372.8	373.8	374.8	375.8	376.8	377.8	378.8	379.8	380.8	381.8	382.8	383.8	384.8	385.8	386.8	387.8	388.8	389.8	390.8	391.8	392.8	393.8	394.8	395.8	396.8	397.8	398.8	399.8	400.8	401.8	402.8	403.8	404.8	405.8	406.8	407.8	408.8	409.8	410.8	411.8	412.8	413.8	414.8	415.8	416.8	417.8	418.8	419.8	420.8	421.8	422.8	423.8	424.8	425.8	426.8	427.8	428.8	429.8	430.8	431.8	432.8	433.8	434.8	435.8	436.8	437.8	438.8	439.8	440.8	441.8	442.8	443.8	444.8	445.8	446.8	447.8	448.8	449.8	450.8	451.8	452.8	453.8	454.8	455.8	456.8	457.8	458.8	459.8	460.8	461.8	462.8	463.8	464.8	465.8	466.8	467.8	468.8	469.8	470.8	471.8	472.8	473.8	474.8	475.8	476.8	477.8	478.8	479.8	480.8	481.8	482.8	483.8	484.8	485.8	486.8	487.8	488.8	489.8	490.8	491.8	492.8	493.8	494.8	495.8	496.8	497.8	498.8	499.8	500.8	501.8	502.8	503.8	504.8	505.8	506.8	507.8	508.8	509.8	510.8	511.8	512.8	513.8	514.8	515.8	516.8	517.8	518.8	519.8	520.8	521.8	522.8	523.8	524.8	525.8	526.8	527.8	528.8	529.8	530.8	531.8	532.8	533.8	534.8	535.8	536.8	537.8	538.8	539.8	540.8	541.8	542.8	543.8	544.8	545.8	546.8	547.8	548.8	549.8	550.8	551.8	552.8	553.8	554.8	555.8	556.8	557.8	558.8	559.8	560.8	561.8	562.8	563.8	564.8	565.8	566.8	567.8	568.8	569.8	570.8	571.8	572.8	573.8	574.8	575.8	576.8	577.8	578.8	579.8	580.8	581.8	582.8	583.8	584.8	585.8	586.8	587.8	588.8	589.8	590.8	591.8	592.8	593.8	594.8	595.8	596.8	597.8	598.8	599.8	600.8	601.8	602.8	603.8	604.8	605.8	606.8	607.8	608.8	609.8	610.8	611.8	612.8	613.8	614.8	615.8	616.8	617.8	618.8	619.8	620.8	621.8	622.8	623.8	624.8	625.8	626.8	627.8	628.8	629.8	630.8	631.8	632.8	633.8	634.8	635.8	636.8	637.8	638.8	639.8	640.8	641.8	642.8	643.8	644.8	645.8	646.8	647.8	648.8	649.8	650.8	651.8	652.8	653.8	654.8	655.8	656.8	657.8	658.8	659.8	660.8	661.8	662.8	663.8	664.8	665.8	666.8	667.8	668.8	669.8	670.8	671.8	672.8	673.8	674.8	675.8	676.8	677.8	678.8	679.8	680.8	681.8	682.8	683.8	684.8	685.8	686.8	687.8	688.8	689.8	690.8	691.8	692.8	693.8	694.8	695.8	696.8	697.8	698.8	699.8	700.8	701.8	702.8	703.8	704.8	705.8	706.8	707.8	708.8	709.8	710.8	711.8	712.8	713.8	714.8	715.8	716.8	717.8	718.8	719.8	720.8	721.8	722.8	723.8	724.8	725.8	726.8	727.8	728.8	729.8	730.8	731.8	732.8	733.8	734.8	735.8	736.8	737.8	738.8	739.8	740.8	741.8	742.8	743.8	744.8	745.8	746.8	747.8	748.8	749.8	750.8	751.8	752.8	753.8	754.8	755.8	756.8	757.8	758.8	759.8	760.8	761.8	762.8	763.8	764.8	765.8	766.8	767.8	768.8	769.8	770.8	771.8	772.8	773.8	774.8	775.8	776.8	777.8	778.8	779.8	780.8	781.8	782.8	783.8	784.8	785.8	786.8	787.8	788.8	789.8	790.8	791.8	792.8	793.8	794.8	795.8	796.8	797.8	798.8	799.8	800.8	801.8	802.8	803.8	804.8	805.8	806.8	807.8	808.8	809.8	810.8	811.8	812.8	813.8	814.8	815.8	816.8	817.8	818.8	819.8	820.8	821.8	822.8	823.8	824.8	825.8	826.8	827.8	828.8	829.8	830.8	831.8	832.8	833.8	834.8	835.8	836.8	837.8	838.8	839.8	840.8	841.8	842.8	843.8	844.8	845.8	846.8	847.8	848.8	849.8	850.8	851.8	852.8	853.8	854.8	855.8	856.8	857.8	858.8	859.8	860.8	861.8	862.8	863.8	864.8	865.8	866.8	867.8	868.8	869.8	870.8	871.8	872.8	873.8	874.8	875.8	876.8	877.8	878.8	879.8	880.8	881.8	882.8	883.8	884.8	885.8	886.8	887.8	888.8	889.8	890.8	891.8	892.8	893.8	894.8	895.8	896.8	897.8	898.8	899.8	900.8	901.8	902.8	903.8	904.8	905.8	906.8	907.8	908.8	909.8	910.8	911.8	912.8	913.8	914.8	915.8	916.8	917.8	918.8	919.8	920.8	921.8	922.8	923.8	924.8	925.8	926.8	927.8	928.8	929.8	930.8	931.8	932.8	933.8	934.8	935.8	936.8	937.8	938.8	939.8	940.8	941.8	942.8	943.8	944.8	945.8	946.8	947.8	948.8	949.8	950.8	951.8	952.8	953.8	954.8	955.8	956.8	957.8	958.8	959.8	960.8	961.8	962.8	963.8	964.8	965.8	966.8	967.8	968.8	969.8	970.8	971.8	972.8	973.8	974.8	975.8	976.8	977.8	978.8	979.8	980.8	981.8	982.8	983.8	984.8	985.8	986.8	987.8	988.8	989.8	990.8	991.8	992.8	993.8	994.8	995.8	996.8	997.8	998.8	999.8	1000.8	1001.8	1002.8	1003.8	1004.8	1005.8	1006.8	1007.8	1008.8	1009.8	1010.8	1011.8	1012.8	1013.8	1014.8	1015.8	1016.8	1017.8	1018.8	1019.8	1020.8	1021.8	1022.8	1023.8	1024.8	1025.8	1026.8	1027.8	1028.8	1029.8	1030.8	1031.8	1032.8	1033.8	1034.8	1035.8	1036.8	1037.8	1038.8	1039.8	1040.8	1041.8	1042.8	1043.8	1044.8	1045.8	1046.8	1047.8	1048.8	1049.8	1050.8	1051.8	1052.8	1053.8	1054.8	1055.8	1056.8	1057.8	1058.8	1059.8	1060.8	1061.8	1062.8	1063.8	1064.8	1065.8	1066.8	1067.8	1068.8	1069.8	1070.8	1071.8	1072.8	1073.8	1074.8	1075.8	1076.8	1077.8	1078.8	1079.8	1080.8	1081.8	1082.8	1083.8	1084.8	1085.8	1086.8	1087.8	1088.8	1089.8	1090.8	1091.8	1092.8	1093.8	1094.8	1095.8	1096.8	1097.8	1098.8	1099.8	1100.8	1101.8	1102.8	1103.8	1104.8	1105.8	1106.8	1107.8	1108.8	1109.8	1110.8	1111.8	1112.8	1113.8	1114.8	1115.8	1116.8	1117.8	1118.8	1119.8	1120.8	1121.8	1122.8	1123.8	1124.8	1125.8	1126.8	1127.8	1128.8	1129.8	1130.8	1131.8	1132.8	1133.8	1134.8	1135.8	1136.8	1137.8	1138.8	1139.8	1140.8	1141.8	1142.8	1143.8	1144.8	1145.8	1146.8	1147.8	1148.8	1149.8	1150.8	1151.8	1152.8	1153.8	1154.8	1155.8	1156.8	1157.8	1158.8	1159.8	1160.8	1161.8	1162.8	1163.8	1164.8	1165.8	1166.8	1167.8	1168.8	1169.8	1170.8	1171.8	1172.8	1173.8	1174.8	1175.8	1176.8	1177.8	1178.8	1179.8	1180.8	1181.8	1182.8	1183.8	1184.8	1185.8	1186.8	1187.8	1188.8	1189.8	1190.8	1191.8	1192.8	1193.8	1194.8	1195.8	1196.8	1197.8	1198.8	1199.8	1200.8	1201.8	1202.8	1203.8	1204.8	1205.8	1206.8	1207.8	1208.8	1209.8	1210.8	1211.8	1212.8	1213.8	1214.8	1215.8	1216.8	1217.8	1218.8	1219.8	1220.8	1221.8	1222.8	1223.8	122
-----------	----------	-----------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	-----

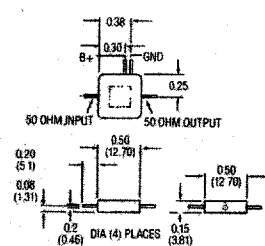
Outline Drawings

All unmarked Pins are internally grounded.

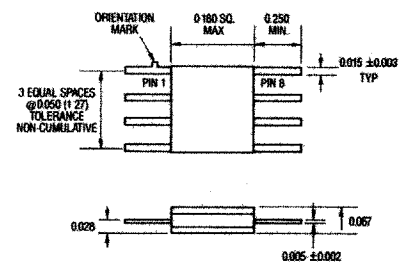
FP2 (Flatpack)



FP4 (Flatpack)



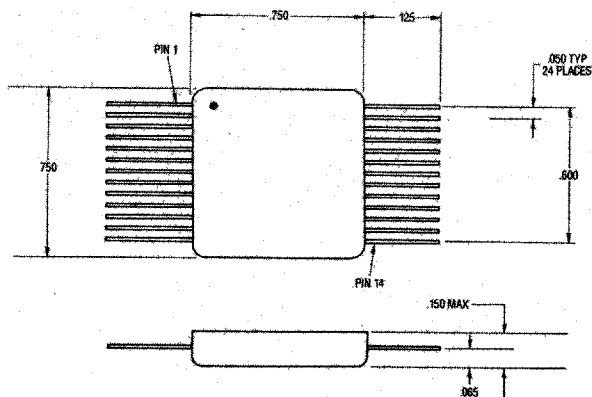
FP7 (Flatpack)



FP-7
PIN CONFIGURATION

Model No.	RF COM	RF1	RF2	A	B
SPST	N/A	8	5	2	3
SPDT	1	3	6	4	5

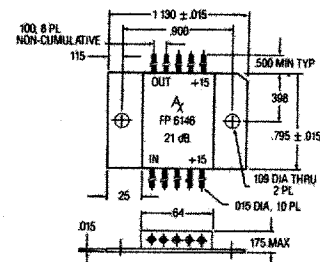
FP9 (Flatpack)



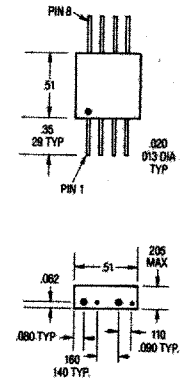
FP-9

Model No.	COM	RF1	RF2	RF3	RF4	RF5	RF6	RF7	-V	CTL	CTL
TWP6004	7	14	16	18	20	22	24	26	13	3	4

FP10 (Flatpack)



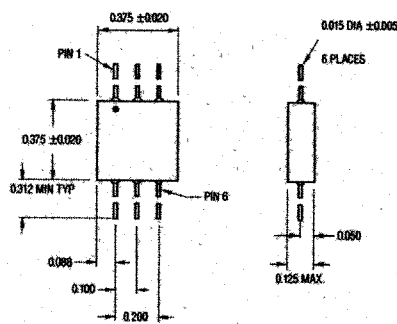
FP11 (Flatpack)



FP-11

Def	V _{max}	V ₊
V _{00H}	7	3

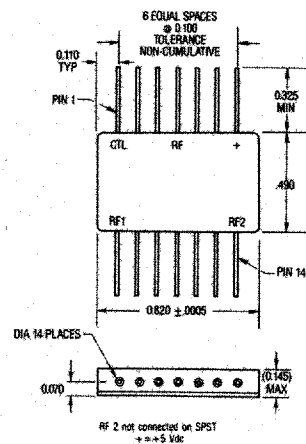
FP12 (Flatpack)



FP-12

Model No.	RF1	RF2	COM	A	B	-S	-R	CTL
TWP2214	2	4	N/A	1	3	N/A	N/A	N/A
TWP2282	4	6	2	1	3	N/A	N/A	N/A
TWP2225	4	6	2	N/A	N/A	1	3	4

FP13 (Flatpack)



FP14 (Flatpack)

