

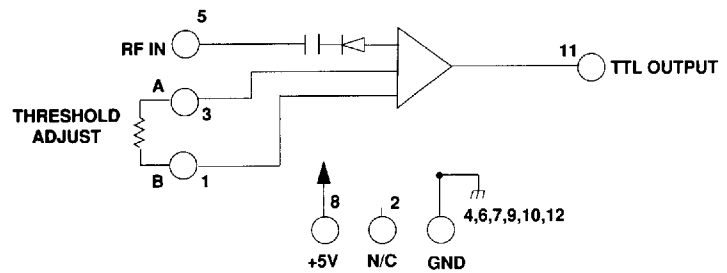
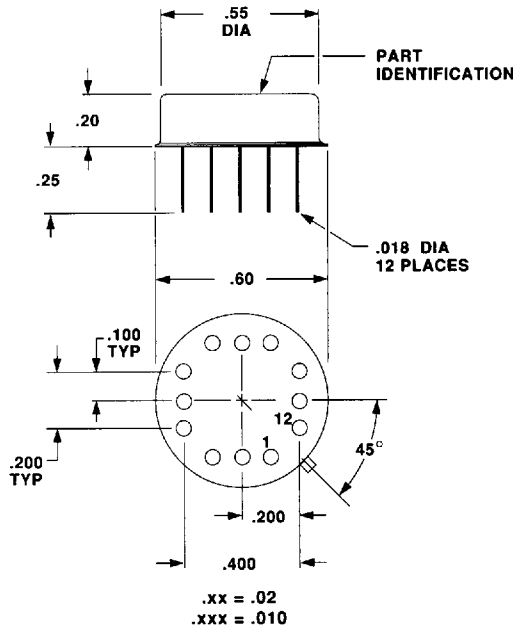
FEATURES

- 10-3000 MHz
- -30 to -10 dBm Dynamic Range
- Adjustable Threshold Level
- Stable Over Temperature
- See DTDO5039 for Surface Mount Version



**MODEL NO.
DTD01939**

Threshold Detector

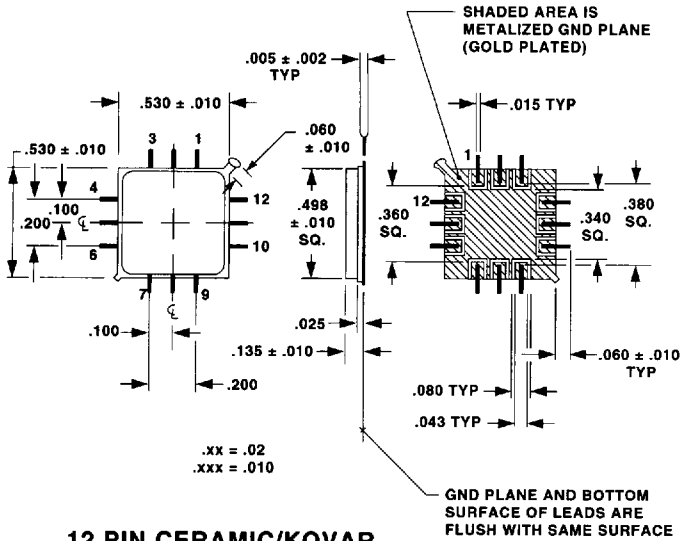


GUARANTEED PERFORMANCE

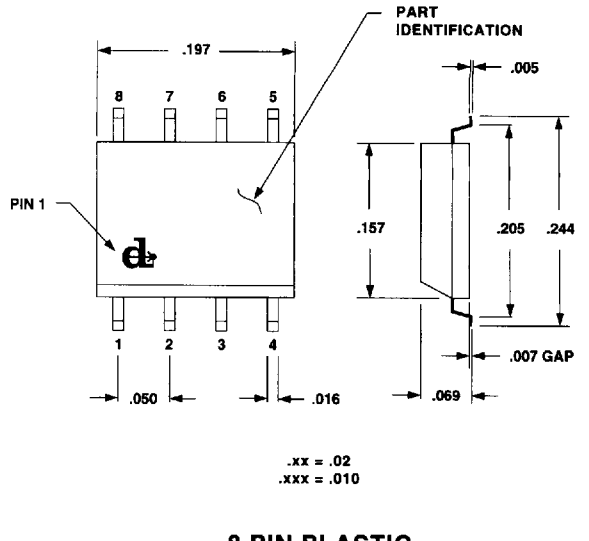
PARAMETER	MIN	TYP	MAX	UNITS	CONDITIONS
OPERATING FREQUENCY	10		3000	MHz	
DYNAMIC RANGE	30		10	dBm	
HYSTERESIS			1.2	dB	
TEMPERATURE STABILITY			±1.5	dB	
INPUT FLATNESS			±1.0	dB	
SWITCHING SPEED				µ SEC	
INPUT VSWR			2/1		
OUTPUT CURRENT: SOURCE	1			mA	V _{OH} = +2.7V
SINK	1			mA	V _{OL} = +0.5V
DC CURRENT			10	mA	AT +5 VDC
OPERATING TEMPERATURE	-55	+25	125	°C	T _A

DAICO

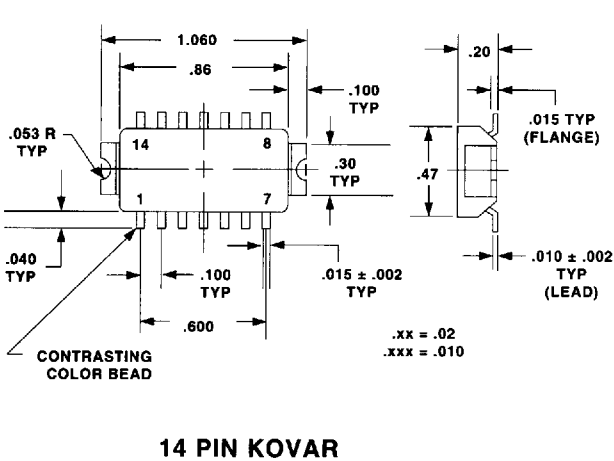
Model Number	Description	Page	Model Number	Description	Page
DS0028	SP5T MIC	43	DA0775	7 Section Attenuator MIC	135
DA0035	VCA MIC	146	DS0778	SP4T MIC	39
DS0052	SP2T MIC	27	DA0784-1	GaAs 4 Section Attenuator MIC	113
DS0073	SP3T MIC	33	DA0786	GaAs 6 Section Attenuator MIC	126
DS0085	SP4T MIC	41	DS0790	GaAs SPST MIC	7
DS0097	Transfer Switch MIC	53	DA0795	7 Section Attenuator MIC	129
DA0098	VCA MIC	148	DS0799	GaAs SPST MIC	5
DS0137	SP7T MIC	47	DS0800	SP2T MIC	31
DA0243	VCA MIC	151	DS0812	GaAs SP2T MIC	24
DA0285	7 Section Attenuator MIC	130	DS0813	GaAs SP2T MIC	13
100C0285	SP3T Connectorized Relay	89	DS0813-T	GaAs SP2T MIC	14
DA0295	7 Section Attenuator MIC	131	CDP0815	4 Section Phase Shifter Conn MIC	204
DS0319	Transfer Switch MIC	52	DA0816	GaAs 1 Section Attenuator MIC	106
DS0345	SP5T MIC	45	DS0820	SP10T MIC	50
100C0347	Connectorized Transfer Switch	96	CDP0827	4 Section Phase Shifter Conn MIC	165
100C0350	SP2T Connectorized Relay	87	DS0838	GaAs SP8T MIC	48
DA0351	2 Section Attenuator MIC	111	DS0842	GaAs SP2T MIC	17
DA0375	7 Section Attenuator MIC	134	DA0844	6 Section Attenuator MIC	123
DA0425	VCA MIC	150	DS0850	GaAs SP2T MIC	11
DS0432	SP2T MIC	29	DS0850-T	GaAs SP2T MIC	12
100C0485	SP4T Connectorized Relay	91	DA0857	GaAs 5 Section Attenuator MIC	118
DS0492	SP2T MIC	28	DS0860	GaAs SP2T MIC	16
DS0506	SP6T MIC	46	DS0864	GaAs SP4T MIC	35
DS0519	DPDT MIC	32	CDA0867	GaAs 7 Section Attenuator Conn MIC	139
DS0545	SP4T MIC	42	DS0874	GaAs SP4T MIC	36
DS0551	SPST MIC	8	DP0877	3 Section Phase Shifter MIC	201
DP0560	3 Section Phase Shifter MIC	202	DA0879	1 Section Attenuator MIC	109
DS0602	GaAs SP2T MIC	19	DP0881	GaAs 1 Section Phase Shifter MIC	162
100C0611	SP2T Connectorized Relay	86	CDS0882	GaAs SP2T Connectorized MIC	60
100C0612	SP3T Connectorized Relay	88	DA0885	GaAs 5 Section Attenuator MIC	119
DS0612	SP2T MIC	26	DA0886	GaAs 6 Section Attenuator MIC	125
100C0613	SP4T Connectorized Relay	90	DA0887	GaAs 7 Section Attenuator MIC	136
DS0613	SP2T MIC	30	DP0891	GaAs 5 Section Phase Shifter MIC	163
100C0614	SP5T Connectorized Relay	92	CDS0892	SP2T Connectorized HDMIC	206
100C0615	SP6T Connectorized Relay	93	CDS0893	SP3T Connectorized MIC	66
DA0617	7 Section Attenuator MIC	132	100D0896	6 Section Phase Shifter Conn	166
DA0620	5 Section Attenuator MIC	122	DA0897	GaAs 7 Section Attenuator MIC	137
CDS0621	SPST Connectorized MIC	59	100D0898	8 Section Phase Shifter Conn	167
CDS0622	SP2T Connectorized MIC	62	DA0900	6 Section Attenuator MIC	127/199
CDS0623	SP3T Connectorized MIC	68	DX0907	2 Section Attenuator/Amp MIC	198
CDS0624	SP4T Connectorized MIC	70	100C0911	VCA Connectorized	154
DS0632	GaAs SP2T MIC	20	100C0912	VCA Connectorized	155
DS0644	SP4T MIC	37	CDS0912	SP2T Connectorized MIC	61
DA0645	VCA MIC	144	DS0918	GaAs SP16T MIC	51
CDS0651	GaAs SPST Connectorized MIC	57	DS0919	GaAs SP2T MIC	65
DA0659	5 Section Attenuator MIC	116	DP0921	6 Section Phase Shifter MIC	164
DA0660	5 Section Attenuator MIC	115	DA0923-10	GaAs 1 Section Attenuator MIC	110
CDA0666	5 Section Attenuator Conn MIC	138	CDP0926	4 Section Phase Shifter Conn MIC	200
CDS0667	SP2T Connectorized MIC	63	DA0930	VCA MIC	145
CDS0669	SP3T Connectorized MIC	68	DBP0938	GaAs Bi-Phase Modulator MIC	160
CDS0670	SP4T Connectorized MIC	69	DA0944-10	GaAs 1 Section Attenuator MIC	18
CDS0671	GaAs SPST Connectorized MIC	56	CDX0947	SPST Connectorized HDMIC	205
100D0688	Connectorized Antenna Selector	99	DS0950	SPST MIC	9
DS0699	GaAs SPST MIC	4	DA0953	GaAs 5 Section Attenuator MIC	117
DS0702	GaAs SP2T MIC	10	DA0956	6 Section Attenuator MIC	128
DS0705	GaAs SP5T MIC	44	DA0960	Fixed Attenuator MIC	105
100D0712	7 Section Attenuator Connectorized	143	DS0962	GaAs SP2T MIC	23
DS0712	GaAs SP2T MIC	15	DS0966-1	SP2T MIC	25
DA0717	7 Section Attenuator MIC	133	DS0967	SP4T MIC	40
DA0735	VCA MIC	147	DA0975	VCA MIC	152
DBP0738	GaAs Bi-Phase Modulator MIC	161	CDS0979	SP2T Connectorized MIC	64
DS0742	GaAs SP2T MIC	18	DA0984-1	GaAs 4 Section Attenuator MIC	112
DS0744	SP4T MIC	38	100D0988	Connectorized Antenna Selector	98
DA0757	GaAs 5 Section Attenuator MIC	121	DS0990	GaAs SPST MIC	6
DA0769	5 Section Attenuator MIC	120	DA0996	GaAs 6 Section Attenuator MIC	124



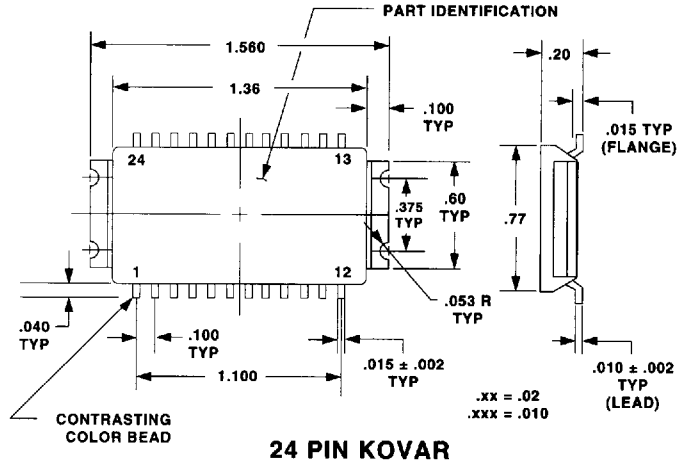
12 PIN CERAMIC/KOVAR



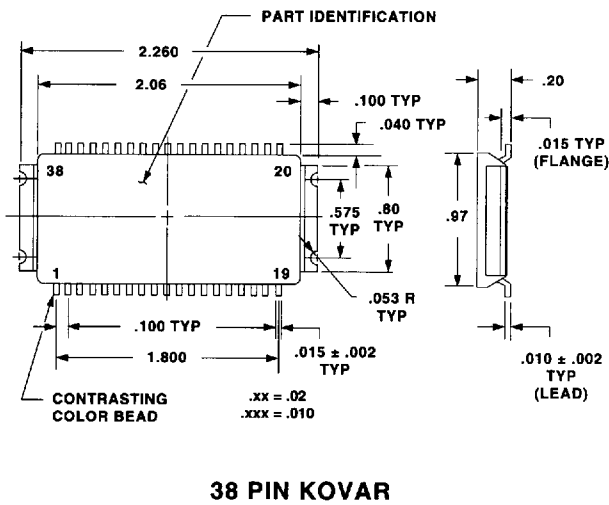
8 PIN PLASTIC



14 PIN KOVAR



24 PIN KOVAR



38 PIN KOVAR