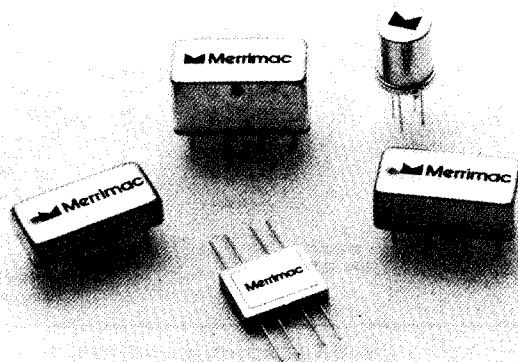


- Cost Effective for All Hi-Rel Applications
- Eliminate Costly Documentation
- Full Qualification Data on file
- Screened and Non-Screened versions
- Avoid non-standard parts approval
- Full Compliance to MIL Specifications
- Off-the-shelf deliveries
- Competitive Prices



QPL Suffix M-28837	Merrimac Reference Part No.	Operating Freq. Range (MHz)		LO Power dBm	Conversion Loss (SSB) dB	Noise Figure dB typ.	Minimum Isolation (dB) for freq. (MHz)				1 dB Comprsn. Point dB typ.	1 dB Desens. Level dB typ.	DC Polar- ity	Package Outline
		RF/LO	IF				L-R	L-I	R-I					
/1-01S /1-01N	DMS-2-100/57855S DMS-2-100/57855N	0.05-200	DC-200	+4 min. +7 typ. +13 max.	6.5 typ. 8.5 max.	6.5	45 35	40 30	N/A N/A	0.05-30 30-200	+2	0	neg.	Relay Package Fig. A
/1-02S /1-02N	117A/57834S 117A/57834N	5-500	DC-500	+4 min. +7 typ. +13 max.	7.0 typ. 9.0 max.	7.0	45 35	40 25	N/A N/A	5-50 50-500	+2	0	neg.	Relay Package Fig. A
/1-03S /1-03N	DMS-2-250/57852S DMS-2-250/57852N	0.5-500	DC-500	+7 typ.	7.0 typ. 8.5 max.	7.0	35 30 25	30 25 20	N/A N/A N/A	0.5-1 1-250 250-500	+2	0	neg.	Relay Package Fig. B
/1-04S /1-04N	DMS-8-500/57835S DMS-8-500/57835N	RF 2-400 LO 2-500	DC-800	+10 min. +20 typ. +23 max.	7.0 typ. 9.0 max.	7.5	40 35 25	40 35 25	N/A N/A N/A	2-32 32-100 100-500	+16	+14	pos.	Relay Package Fig. C
/1-09S /1-09N	M119/57836S M119/57836N	1-750	DC-750	+7 typ.	7.5 typ. 8.5 max.	7.5	45 30 25	40 25 20	N/A N/A N/A	1-2 2-375 375-750	+2	0	neg.	Relay Package Fig. B
/1-10S /1-10N	DMS-4-250/57853S DMS-4-250/57853N	0.4-500	DC-500	+7 min. +13 typ. +17 max.	7.0 typ. 9.0 max.	7.0	45 25	40 25	N/A N/A	0.4-50 50-500	+11	+8	neg.	Relay Package Fig. D
/1-11S /1-11N	DMS-8-250/57837S DMS-8-250/57837N	1-500	DC-500	+23 typ.	7.5 typ. 9.5 max.	7.5	50 40 30 20	40 30 20 20	25 20 20 20	1-100 100-200 200-300 300-500	+16	+14	neg.	Relay Package Fig. E
/1-12S /1-12N	DMS-2-25/57838S DMS-2-25/57838N	0.002-12	DC-12	+4 min. +7 typ. +13 max.	6.0 typ. 8.0 max.	6.0	45 40	40 30	N/A N/A	0.002-5 5-12	+2	0	neg.	Relay Package Fig. C
/2-01S /2-01N	DMF-2A-505/57839S DMF-2A-505/57839N	5-1000	DC-1000	+10 min. +10 typ. +17 max.	7.0 typ. 8.0 max.	7.0	40 30	40 25	30 15	5-100 100-1000	+2	0	pos.	Flatpack Fig. G
/2-02S /2-02N	DMF-2A-700/57840S DMF-2A-700/57840N	10-1500	DC-1000	+4 min. +7 typ. +13 max.	7.0 typ. 9.5 max.	7.0	30 25 25	30 20 18	N/A N/A N/A	10-600 600-1200 1200-1500	+2	0	neg.	Flatpack Fig. G
/2-04S /2-04N	DMF-2A-250/57841S DMF-2A-250/57841N	0.5-500	DC-500	+7 min. +7 typ. +17 max.	7.0 typ. 8.0 max.	7.0	40 35	30 20	23 20	0.5-300 0.5-500	+2	0	pos.	Flatpack Fig. G
/2-05S /2-05N	DMF-2A-250/57854S DMF-2A-250/57854N	0.5-500	DC-500 (IF-1 & IF-2)	+7 min. +7 typ. +13 max.	6.5 typ. 7.0 max.	6.5	35 30 25	30 25 20	25 20 15	0.5-10 10-200 200-500	+2	0	neg.	Flatpack Fig. F
/7-01S /7-01N	M109/57832S M109/57832N	10-500	DC-500	+7 typ.	7.0 typ. 9.0 max.	7.0	40 35 30 25	35 30 25 15	25 20 15 10	10-50 50-100 100-200 200-500	+2	0	neg.	TO-5 Fig. H
/7-02S /7-02N	M109/57833S M109/57833N	350-500	DC-500	+7 typ.	7.0 typ. 9.0 max.	7.0	25	15	10	350-500	+2	0	neg.	TO-5 Fig. H

Notes: 1. For complete definitive specifications refer to MIL-M-28837.

2. The 1 dB Compression Point and 1 dB Desensitization Levels are specified at LO levels defined in MIL-M-28837.