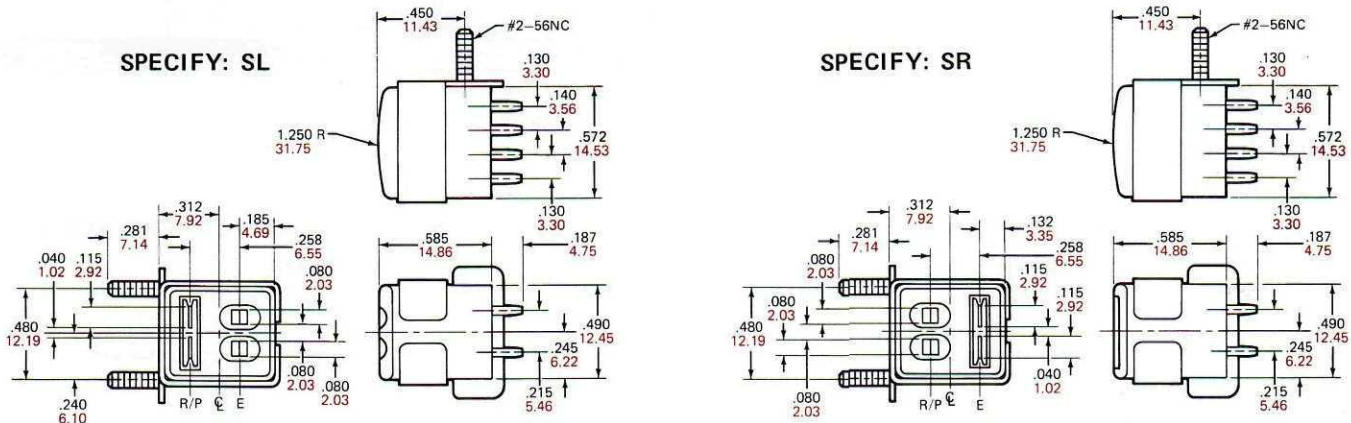


ELECTRICAL (R/P SECTION)	PREMIUM SERIES				STANDARD SERIES		
	MODEL NUMBER				MODEL NUMBER		
	P-A2H 48R	P-A2H 44K	P-A2H 44R	P-A2H 47K	A2H 44K	A2H 47K	A2H 42K
Head Function (Typical)	Record Only	Record/ Playback	Record Only	Record/ Playback	Record/ Playback	Record/ Playback	Record/ Playback
Inductance - 1 kHz - millihenrys	10	100	50	400	100	400	800
Impedance - 1 kHz - ohms	75	650	320	2,550	650	2,650	5,000
Resistance, D.C. Stereo, ohms	28	120	130	410	130	410	720
Gap Length, microinches	500	100	500	100	100	100	100
1 kHz Crosstalk Rejection, dB	50	50	50	50	50	50	50
Average 7.5 IPS constant current record/playback characteristics using 3M150 tape peak biased @ 1 kHz and recorded 12 dB below tape saturation							
Peak Bias Current, 60 kHz, ma	1.7	.65	.75	.22	1.2	0.53	0.4
Bias Voltage, RMS, 60 kHz, volts	4.3	17	13	36	23	42	65
Record Current, microamps	180	58	75	30	65	32	25
1 kHz Output, millivolts	—	1.5	—	2.4	1.1	2.1	3.4
10 kHz/1 kHz Ratio, dB	—	+1	—	+1	-1	-1	-1
Average 3.75 IPS constant current record/playback characteristics using 3M150 tape peak biased @ 1 kHz and recorded 12 dB below tape saturation							
Peak Bias Current, 60 kHz, ma	1.5	.55	.63	.20	1.1	0.44	0.3
Bias Voltage, RMS, 60 kHz, volts	3.8	14	11	32	18	36	45
Record Current, microamps	160	51	65	28	60	30	22
1 kHz Output, millivolts	—	1.2	—	2.1	0.9	1.9	2.2
10 kHz/1 kHz Ratio, dB	—	-9	—	-9	-11	-11	-11
ELECTRICAL (ERASE SECTION)							
Inductance - 1 kHz - millihenrys	10	10	10	10	10	10	10
Resistance, D.C., ohms	27	27	27	27	27	27	27
Track Width, inches	.110	.110	.110	.110	.110	.110	.110
Gap Length, Double Gap, each	.003	.003	.003	.003	.003	.003	.003
Typical characteristics for 60 dB erasure of a 400 Hz Saturated signal on 3M150 tape							
Erase Voltage - 60 kHz, volts	40	40	40	40	40	40	40
Erase Current, ma	20	20	20	20	20	20	20
Impedance - 60 kHz, ohms	2,500	2,500	2,500	2,500	2,500	2,500	2,500

HEAD WITH SIDE MOUNT CONFIGURATION



HEAD WITH REAR MOUNT CONFIGURATION

