

DESIGN DATA

NORTRONICS

AUDIO HEADS

W2P & P-W2P Cassette R/P

0.057" TWO CHANNEL



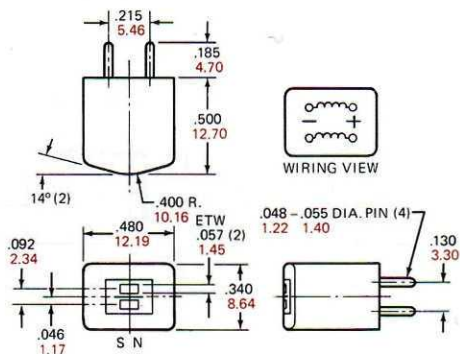
W2P

ELECTRICAL	MODEL NUMBER					
	W2P 11N	W2P 8F	W2P 8K	W2P 8N	W2P 4F	W2P 6F
Head Function (typical)	Record Only	Playback Only	Record/Playback	Record Only	Record/Playback	Record/Playback
Inductance - 1 kHz - millihenrys	2.0	20	20	10	80	200
Impedance - 1 kHz, ohms	20	135	150	80	600	1200
Resistance, D.C. Stereo, ohms	9.0	45	50*	40	110	215
Gap Length, microinches	200	50	100	200	50	50
Average 15 IPS constant current record/playback characteristics using 3M277 tape peak biased @ 1 kHz and recorded 12 dB below tape saturation						
Peak Bias Current, 500 kHz, ma	6.5	—	—	2.5	—	—
Bias Voltage, RMS, 500 kHz, volts	16	—	—	30	—	—
Record Current, microamps	200	—	—	100	—	—
1 kHz Output, millivolts	—	.75	—	—	—	—
10 kHz/1 kHz Ratio, dB	—	-16	—	—	—	—
Average 1.875 IPS constant current record/playback characteristics using 3M277 tape peak biased @ 1 kHz and recorded 12 dB below tape saturation						
Peak Bias Current, 60 kHz, ma	3.6	—	0.7	1.0	.50	.30
Bias Voltage, RMS, 60 kHz, volts	1.7	—	4.3	3.0	11	18
Record Current, microamps	260	—	70	95	43	30
1 kHz Output, millivolts	—	.20	.22	—	.38	.50
10 kHz/1 kHz Ratio, dB	—	-9	-17	—	-12	-14

PHYSICAL CONFIGURATIONS

NOTE:
INCHES IN BLACK
MILLIMETERS IN COLOR

BASIC HEAD CONFIGURATION – NO MOUNT



HEAD WITH "A" MOUNT CONFIGURATION

