



P-B3Q Quarter Track R/P

0.043" THREE CHANNEL
PREMIUM SERIES

- MEETS NATIONAL ASSOCIATION OF BROADCASTERS SPECIFICATION FOR THREE CHANNELS ON 1/4" TAPE USED IN STEREO CARTRIDGE MACHINES

P-B3Q – PREMIUM SERIES

ELECTRICAL	MODEL NUMBER				
	P-B3Q 8R	P-B3Q 4R	P-B3Q 4K	P-B3Q 6K	P-B3Q 7K
Head Function (Typical)	Record Only	Record Only	Record/Playback	Record/Playback	Record/Playback
Inductance - 1 kHz - millihenrys	10	50	100	200	350
Impedance - 1 kHz - ohms	70	400	650	1,300	2,200
Resistance, D.C. Stereo, ohms	32	100	100	200	800
Gap Length, microinches	500	500	100	100	100
1 kHz Crosstalk Rejection, dB	55	55	55	55	55
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	1.3	.50	.70	.38	.23
Bias Voltage, RMS, 60 kHz, volts	3.5	8.0	18	21	26
Record Current, microamps	110	45	60	31	25
1 kHz Output, millivolts	—	—	0.9	1.3	1.6
10 kHz/1 kHz Ratio, dB	—	—	0	+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	1.2	.45	.50	.30	.18
Bias Voltage, RMS, 60 kHz, volts	3.2	7.0	13	16	21
Record Current, microamps	100	45	50	30	24
1 kHz Output, millivolts	—	—	0.7	1.0	1.3
10 kHz/1 kHz Ratio, dB	—	—	-10	-9	-9

PHYSICAL CONFIGURATION

NOTES:

Also available for applications where size is a factor is Model P-C3Q, similar except for case width of 0.359".

INCHES IN BLACK
MILLIMETERS IN COLOR

BASIC HEAD CONFIGURATION – NO MOUNT

