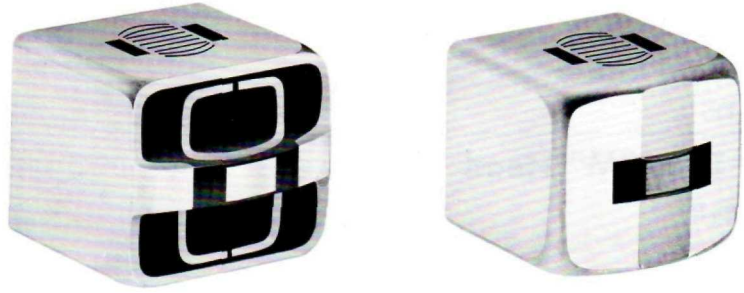


BIHC & XY-C1HC Half Track Mono R/P

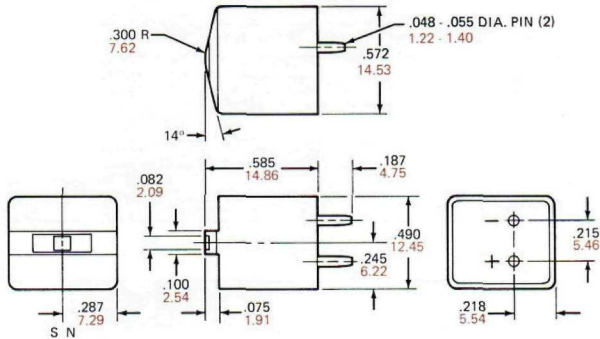
0.080" SINGLE CHANNEL
WITH RELIEVED FACE FOR
FILM/DRUM APPLICATIONS



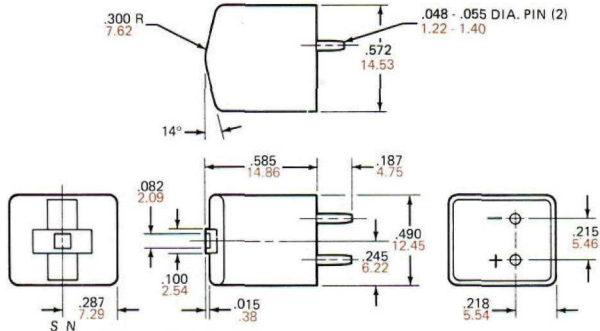
PHYSICAL CONFIGURATIONS

NOTE:
INCHES IN BLACK
MILLIMETERS IN COLOR

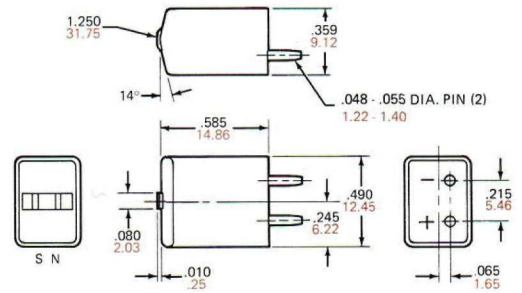
B1HC27L57-NO



B1HC27L67-NO



XY-C1HC



ELECTRICAL	MODEL NUMBER		
	XY-C1H 7K	XY-C1HC 8T	B1HC 27L
Head Function – Typical	Record/ Playback	Erase	Playback
Inductance – 1 kHz - millihenrys	400	6.0	4,000
Impedance – 1 kHz - ohms	2,650	2,000	17,000
Resistance, D.C., Mono, ohms	135	27	2,400
Gap Length, microinches	100	2,000	160
Average 7.5 IPS constant current record/playback characteristics using 3M 150 tape peak biased @ 1 kHz and recorded 12 dB below tape saturation			
Peak Bias Current, 60 kHz, ma	.6	60*	–
Bias Voltage, RMS, 60 kHz, volts	45	60*	–
Record Current, microamps	36	–	–
1 kHz Output, millivolts	2.1	–	10.0
10 kHz/1 kHz ratio, dB	–1	–	+1.0
Average 3.75 IPS constant current record/playback characteristics using 3M 150 tape peak biased @ 1 kHz and recorded 12 dB below tape saturation			
Peak Bias Current, 60 kHz, ma	.5	–	–
Bias Voltage, RMS, 60 kHz, volts	36	–	–
Record Current, microamps	35	–	–
1 kHz Output, millivolts	1.9	–	–
10 kHz/1 kHz ratio, dB	–11	–	–

*Erase data for 40 dB erasure of a 400 Hz saturated signal on 3M 150 tape