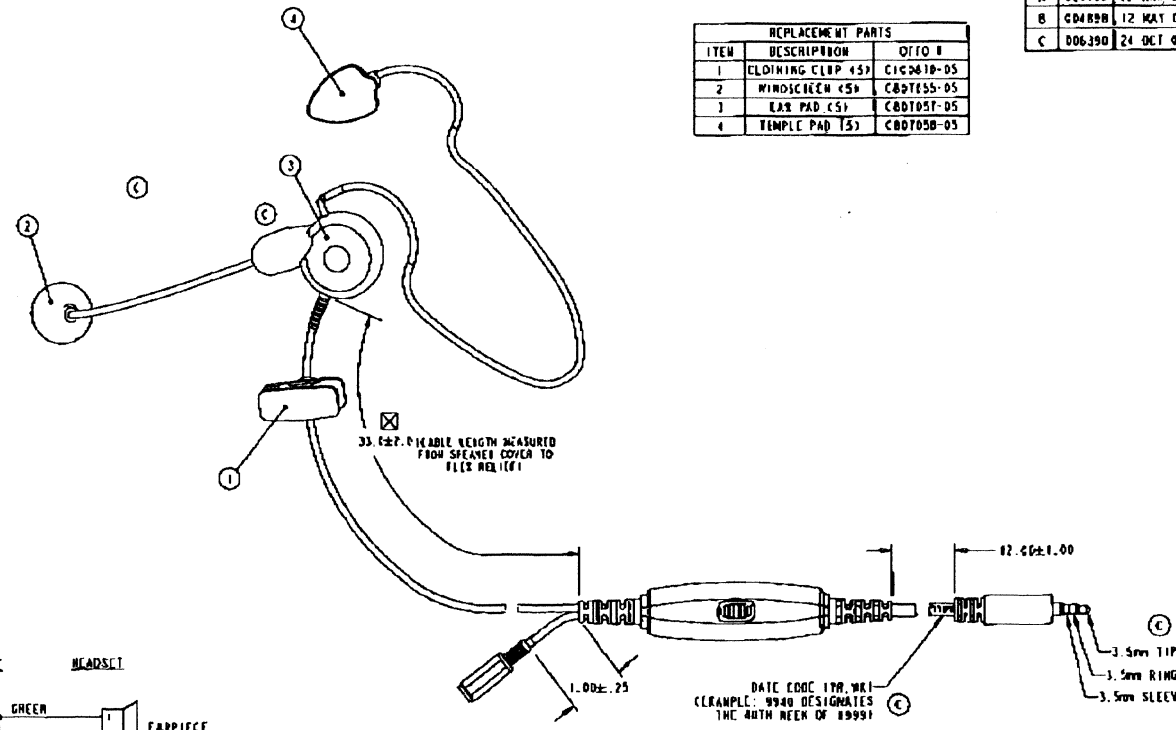
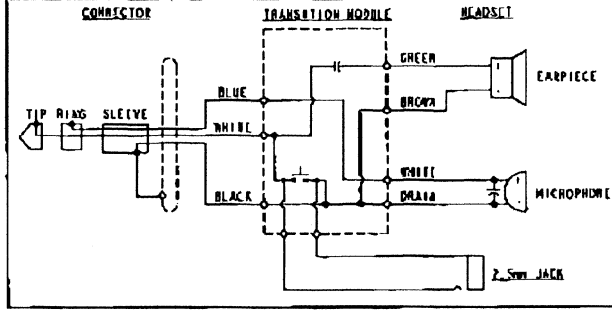
ELECTRICAL: PARAMETER	UNITS	MIN	TYP	MAX	
MICROPHONE • 8 1KHz, 5VDC, 2.2K LOAD					
IMPEDANCE	Kohm •	1.19	1.7	2.21	
SENSITIVITY 894 dB SPL	dB •	-44	-40	-36	
CURRENT DRAIN	uA •			500	
FREQUENCY RANGE	Hz	300		3000	
VOLTAGE	V	1.5		10	
SPEAKER TEST EQUIPMENT: BAK 4153 ARTIFICIAL EAR					
IMPEDANCE @ 1KHz	ohms	120	150	180	
AVG SPL(300-3KHz) @ .387 VRMS INPUT	dB	90			
SPEAKER MUST WITHSTAND A 3.46 VRMS INPUT WITHOUT DEGRADATION					
DISTORTION @1mW, 300-3KHz SIZE 1N	THD+N %			10	
MECHANICAL: PARAMETER					
TEMPLE PAD AXIAL PULL OFF FORCE	LBS.	20			
MIC BOOM FLEX LIFE @±60° BEND	CYCLES	4000			C
CABLE PULL FROM EARCUP, AXIAL	LBS.	30			
CABLE PULL FROM PLUG, AXIAL	LBS.	40			C
CABLE FLEX AT EARCUP (1 LB WT.)	CYCLES	3000			
CABLE FLEX AT PLUG (2 LB WT.)	CYCLES	25000			C
ENVIRONMENTAL: PARAMETER					
OPERATING TEMP.	°C	-20		+60	
STORAGE TEMP.	°C	-40		+80	
HUMIDITY	72Hr, 95%RH @40°C 2 Hr DRY W/O FAILURE				
SHOCK	100g TO RUBBER PAD, 3 AXIS, 1ea. W/O FAILURE				
VIBRATION	1Hr ea. AXIS, SWEEP 10-55Hz @2M P-P AMPL				
DROP	1 ea. 3 AXIS @1m. W/O FAILURE				
PACKAGING:	EACH HEADSET INDIVIDUALLY BAGGED INSIDE BOX W/LABEL				C

V4-BA2MA3B			
REV	ECN #	DATE	APR
A	004450	22 MAR 00	SLB
B	004898	12 MAY 00	HRS
C	006390	24 OCT 00	GHJ

REPLACEMENT PARTS		
ITEM	DESCRIPTION	OTTO #
1	CLOTHING CLIP (5)	C1C0810-05
2	WINDSCREEN (5)	C807055-05
3	EAR PAD (5)	C807057-05
4	TEMPLE PAD (5)	C807058-05





☒ MAJOR ■ CRITICAL ▲ SPC CRITICAL

PROCESS:	MATERIAL:	OTTO CONTROLS DIVISION OF OTTO ENGINEERING INC. CARPENTERSVILLE, ILLINOIS USA	DESCRIPTION V4, LIGHT WEIGHT BREEZE HEADSET W/ REMOTE PIT OPTION, HT1000

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE AS LISTED. MUST BE FREE FROM BURRS AND SHARP EDGES.

TOLERANCES .XX ±.10 .XXX ±.005 ANGLES ±1° SURFACES 64 MICROINCH DO NOT SCALE DRAWING.

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DRAN. BFS	SIZE	FSCM NO	DRAWING NO.	REV.
CHKD. SLB	B	21649	V4-BA2MA3B	C
APPD. JT				
DATE 22 MAR 00			Scale 1:10	Sheet 1 OF 1