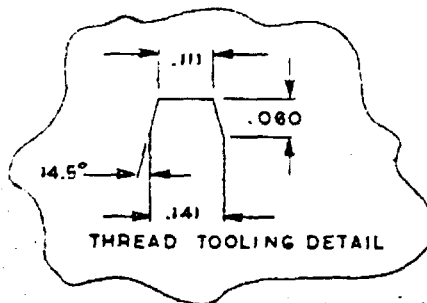
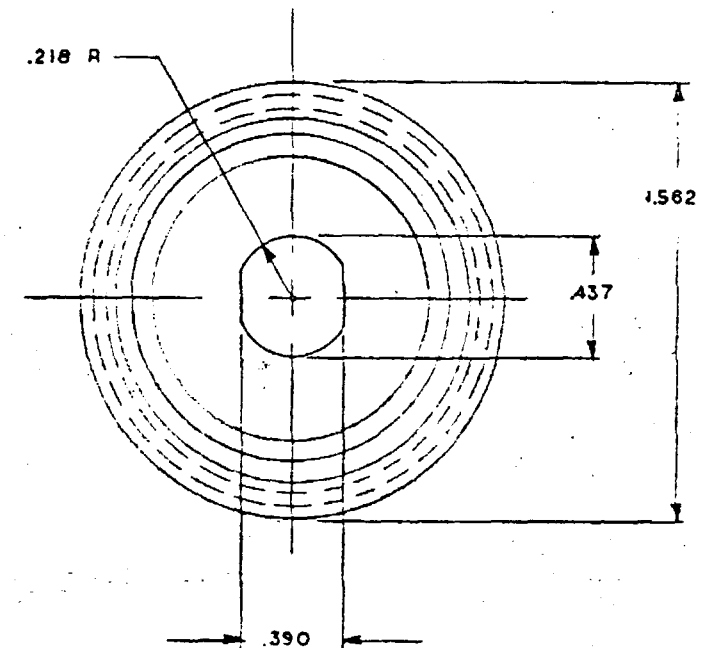
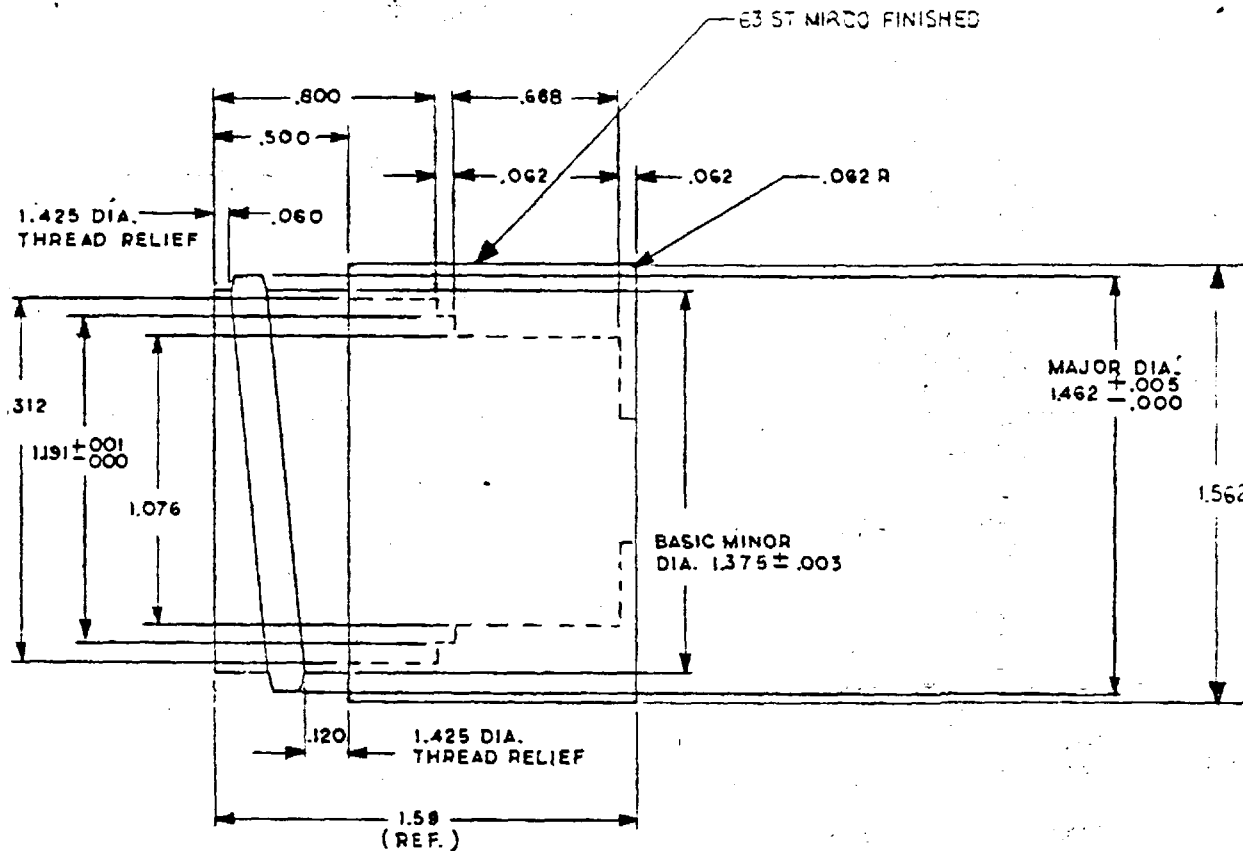


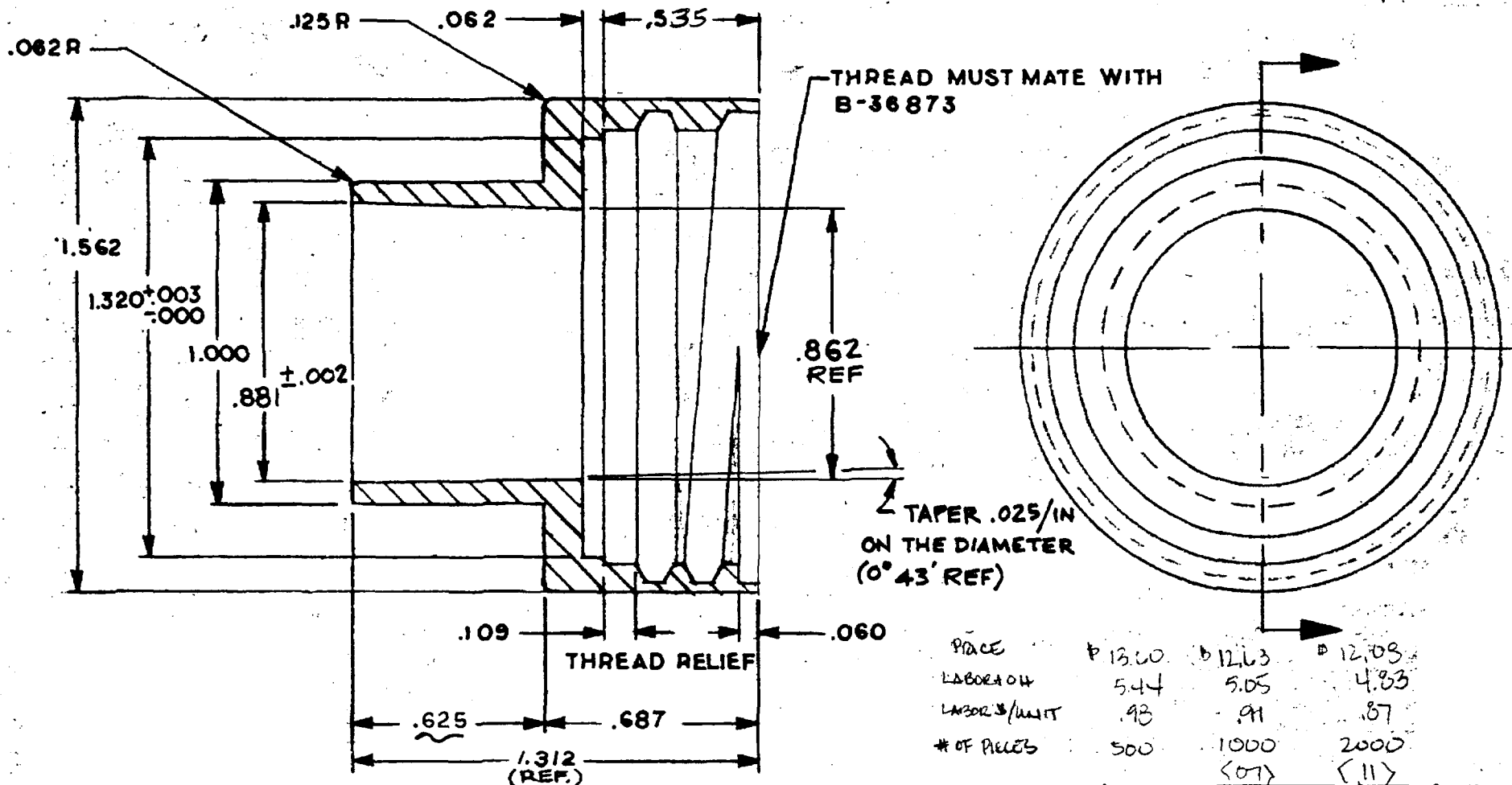
QA	ISSUE NO.	DATE	REVISION / ECO NUMBER	APP
	1	11-15-84		
	2	1-11-85	REV D	
	3	4-9-85	ADDED .03 MICRO FINISHED	



QUALITY ASSURANCE
APPROVAL REQUIRED

ITEM	PART NO.	REQ	DESCRIPTION
TOLERANCE UNLESS OTHERWISE SPECIFIED		THIS DRAWING IS THE PROPERTY OF TELEDYNE AND CONTAINS CONFIDENTIAL INFORMATION. IT IS NOT TO BE COPIED, REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.	
FRAC. = 1/64"		TELEDYNE ELECTRONIC DEVICES CITY OF INDUSTRY, CALIFORNIA 91748	
DEC = .008"		SCALE DATE 11-15-84	
ANGULAR = 1/2"		MATERIAL 1-5/8 DIA. BLACK NYLON	
		FINISH	
		DR L M ENGR APP	
N/B-36817		B-36873	

QA (b/d)	ECO # 87-0192 M 6) 10-9-87	SA (b/d)	ECO # 86-0060 4. 4-14-86	ISSUE NO.	DATE	REVISION / ECO NUMBER	APP
			SEE REVISION CAPD 5.5-30-86	1	11-15-84		SMK
				2	4-8-85	REV'D DWG	JK
				3	7-9-85	ECO 85-0141 M	SMK



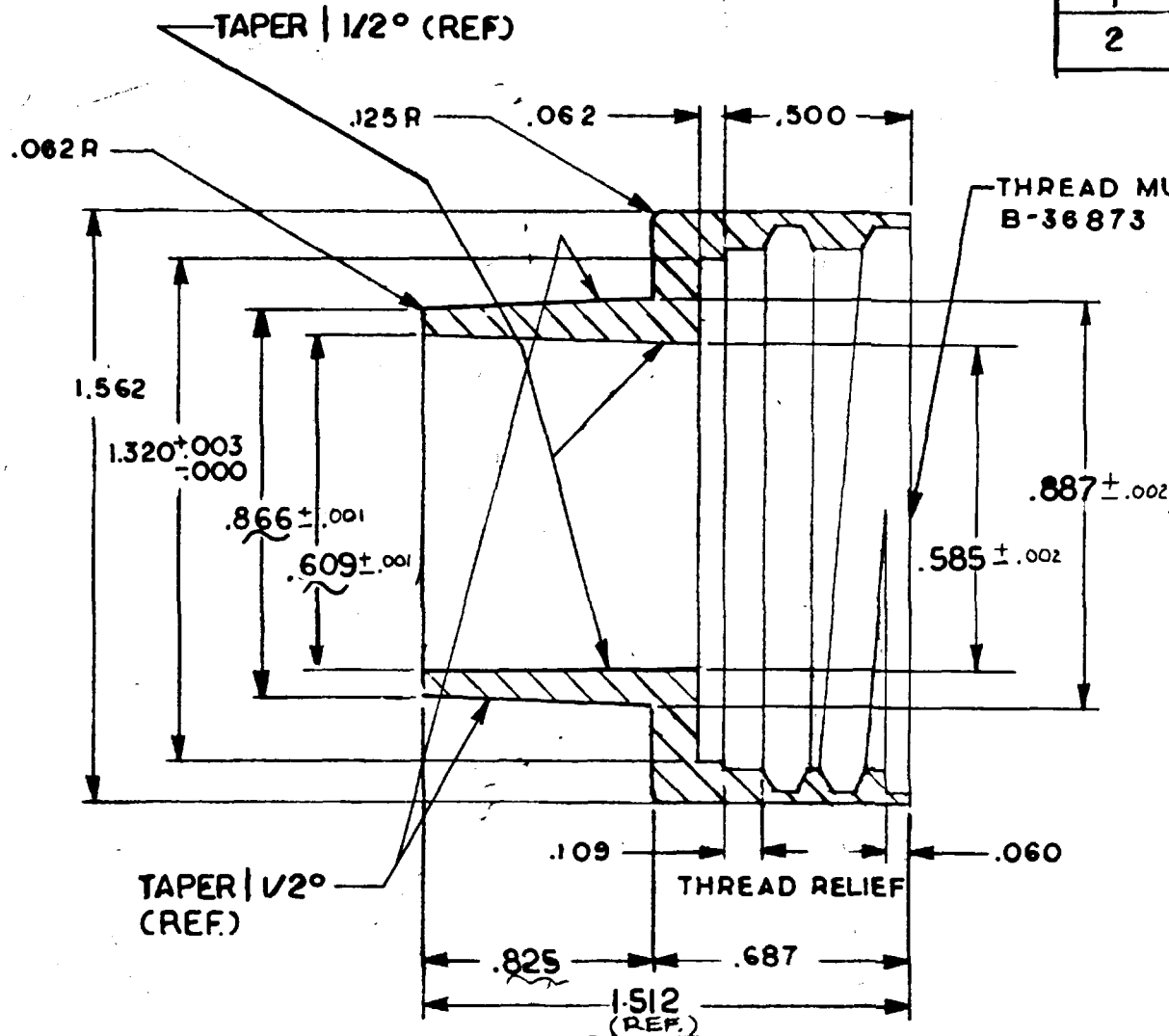
PRICE	\$13.00	\$12.63	\$12.08
LABOR/100	5.44	5.05	4.83
LABOR\$/UNIT	.93	.91	.87
# OF PIECES	500	1000	2000
		(07)	(11)

**QUALITY ASSURANCE
APPROVAL REQUIRED!**

ITEM	PART NO.	REQ	DESCRIPTION
TOLERANCE UNLESS OTHERWISE SPECIFIED		THIS DRAWING IS THE PROPERTY OF TELEDYNE AND CONTAINS CONFIDENTIAL INFORMATION. IT IS NOT TO BE COPIED, REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.	
FRAC. $\pm 1/64"$ DEC. $\pm .005"$ ANGULAR $\pm 1/2"$		TELEDYNE ELECTRONIC DEVICES CITY OF INDUSTRY, CALIFORNIA 91748	
		SCALE 2:1	DATE 11-15-84
		MAT'L 15/8 DIA. BLACK NYLON	
		FINISH 63	
		DR LM	ENGR <i>[Signature]</i> APP <i>[Signature]</i>
N/B-36817		A-36874	
S.O.			

PROBE CAP DETAIL

ISSUE NO.	DATE	REVISION / ECO NUMBER	APP
1	1-10-86	~	JK
2	6-4-86	SEE REVISION CARD	SMX



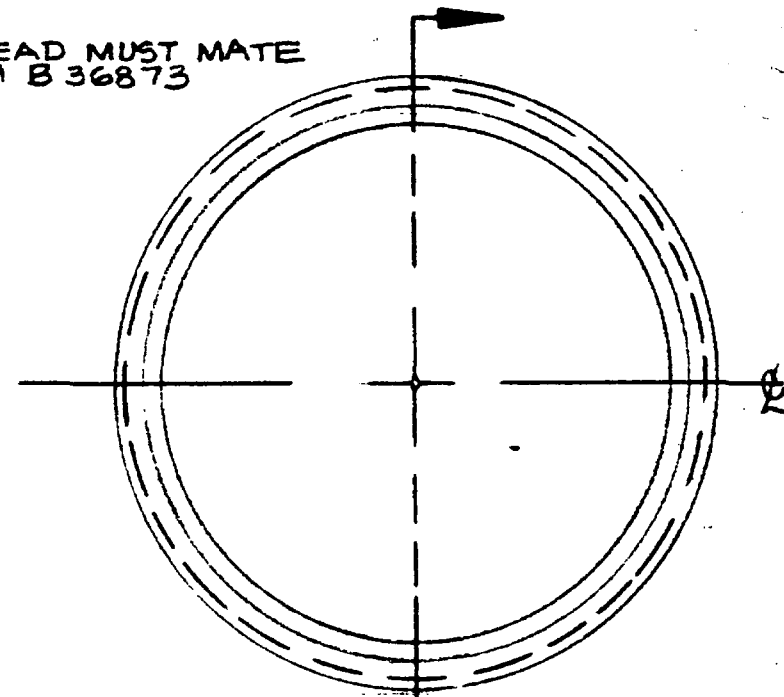
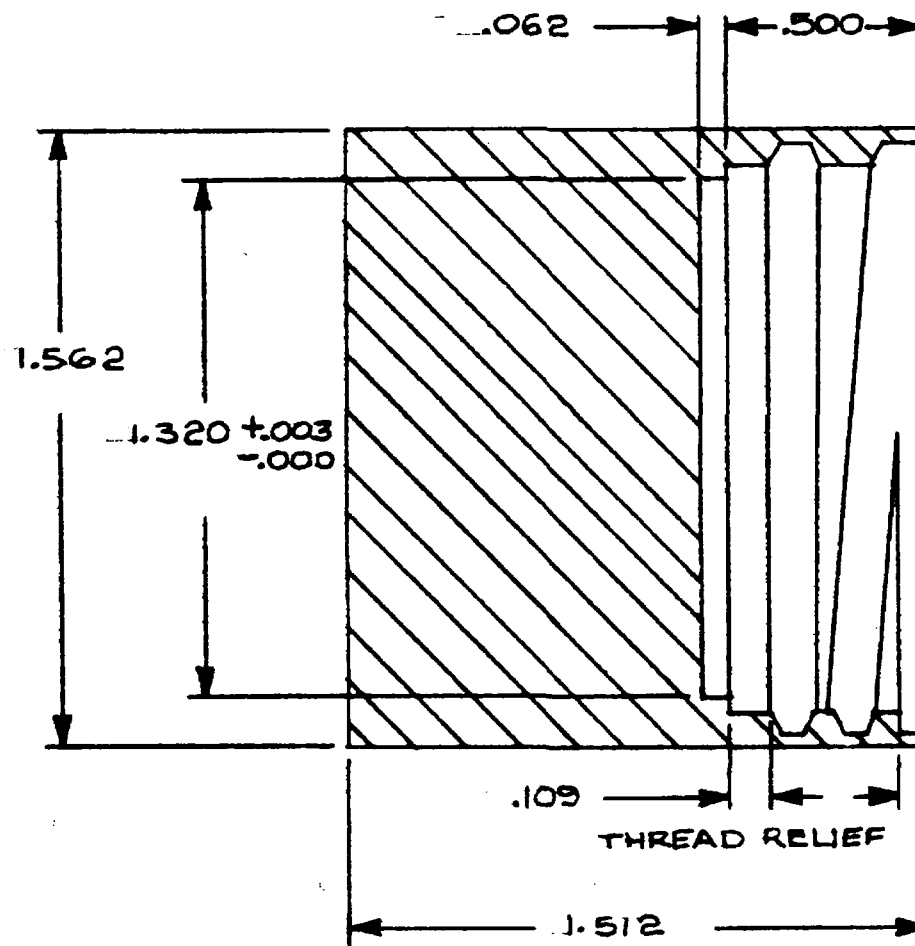
PRICE	\$13.00	\$11.62	\$12.03
LARGEST OVERSIZED	504	505	483
LARGEST IN	93	91	87
# OF PIECES	500	1000	2000
		<.075	<.115

NOTE:

ALL TAPERS 0.025" IN ON THE DIAMETER. (REF.)

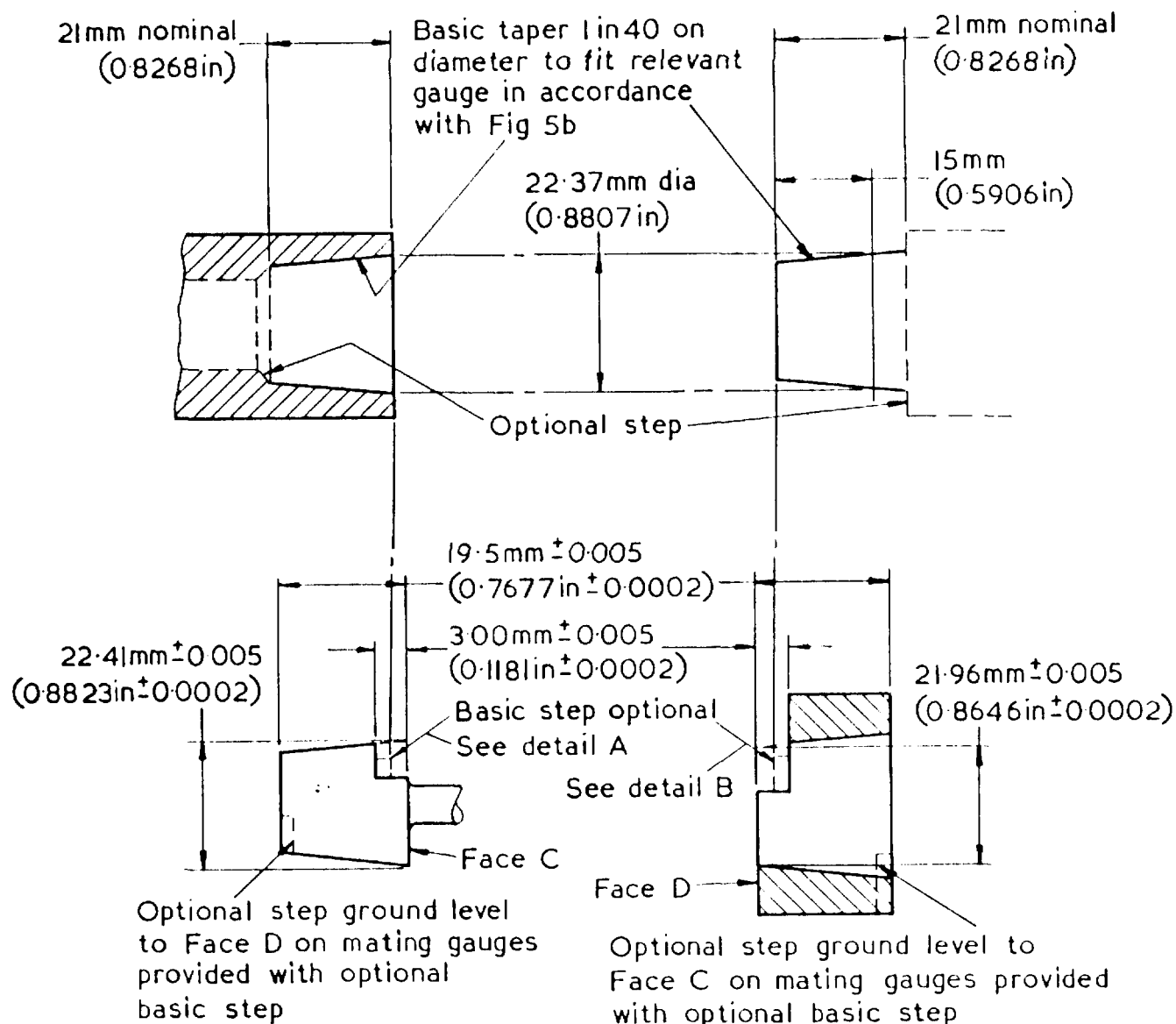
ITEM	PART NO.	REQ	DESCRIPTION
TOLERANCE UNLESS OTHERWISE SPECIFIED		THIS DRAWING IS THE PROPERTY OF TELEDYNE AND CONTAINS CONFIDENTIAL INFORMATION. IT IS NOT TO BE COPIED, REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.	
FRAC. 1/64"		TELEDYNE ELECTRONIC DEVICES CITY OF INDUSTRY, CALIFORNIA 91748	
DEC. .005"			
ANGULAR 1/2"			
N/B-36817		SCALE 2:1 DATE 4-9-86 MAT'L 15/8 DIA. BLACK NYLON FINISH 63	
S.O.		DR <i>Jan</i> ENGR <i>SMX</i> APP <i>SMX</i> A-40234	

ISSUE NO.	DATE	REVISION / ECO NUMBER	APP
1	9-19-86		J.A.R.

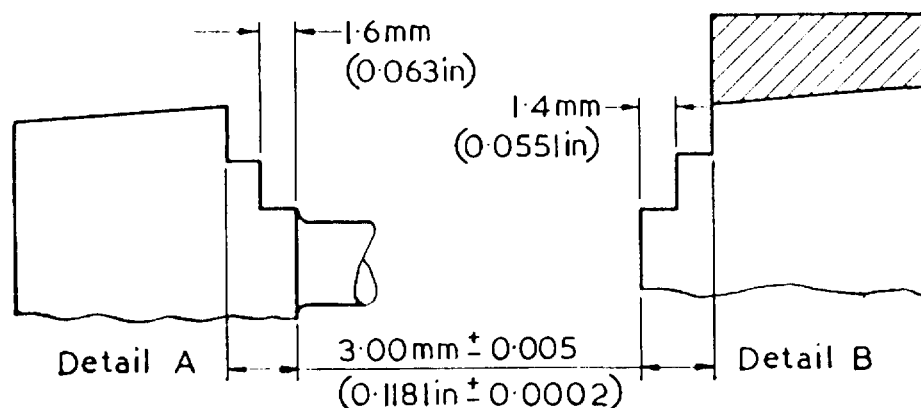


PRICE	#	610	B	5.13	4.53
LABOR CH		2.34		2.05	1.33
LABOR\$/UNIT		.04		.37	.33
# OF PIECES		500		1000	2000
				.09	.117

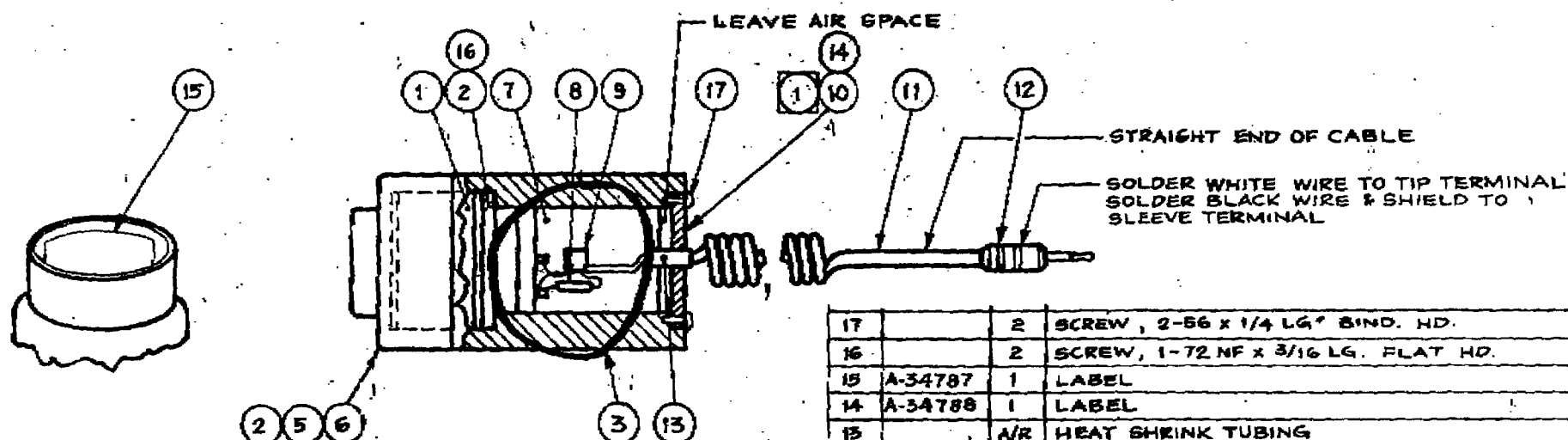
ITEM	PART NO.	REQ	DESCRIPTION	
TOLERANCE UNLESS OTHERWISE SPECIFIED		THIS DRAWING IS THE PROPERTY OF TELEDYNE ANALYTICAL INSTRUMENTS AND CONTAINS CONFIDENTIAL INFORMATION IT IS NOT TO BE COPIED, REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.		
FRAC. $\pm 1/64"$ DEC. $\pm .005"$ ANGULAR $\pm 1/2"$		TELEDYNE ANALYTICAL INSTRUMENTS CITY OF INDUSTRY, CALIFORNIA 91748		SCALE 2:1 DATE 9-16-86
		MAT'L 1-5/8 DIA. BLACK NYLON		
		FINISH 63✓		
		DR L M ENGR APP		
S.O.		PROBE CAP DETAIL		A-41214

Fig. 5a. Basic dimensions for conical fittings for anaesthetic breathing attachments of adult size

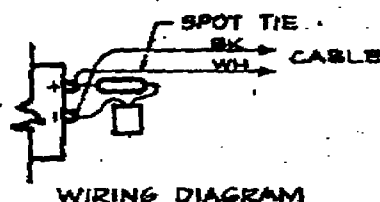
Taper per unit on diameter 0.025 ± 0.0002 units (basic taper 1 in 40 on diameter)

**Fig. 5b. Plug and ring gauges for conical fittings with additional step based on Anglo-American agreement (see Appendix D) for anaesthetic breathing attachments of adult size**

NOTE. Figs. 5a, 5b, 6a and 6b do not form a part of this British Standard and are provided for information only; see Appendix D.



**NOTE: AFTER ASSEMBLY TEST & SERIALIZE
PER TEST PROCEDURE**



1 MOUNT LABEL (ITEM 14) ON BACK COVER (ITEM 10) PRIOR TO THREADING CABLE (ITEM 11) THRU HOLE IN BACK COVER

17		2	SCREW, 2-56 x 1/4 LG. 8IND. HD.
16		2	SCREW, 1-72 NF x 3/16 LG. FLAT HD.
15	A-34787	1	LABEL
14	A-34788	1	LABEL
13		A/R	HEAT SHRINK TUBING
12	P69	1	PLUG, SWITCH-CRAFT
11	C322	1/2	CABLE, ALPHA NF 651 (CUT IN HALF)
10	A-9341	1	BACK COVER DET.
9	T265	1	THERMISTOR
8	R525	1	RESISTOR
7	A/R	1	DOW CORNING, RTV 3110
6	W1	1	GASKET
5	A-10562	1	CAP
4	A-8894	1	G.S. SCREEN DETAIL
3	B-11039	1	PROBE HOUSING DETAIL
2	A-6542	1	CONTACT PLATE ASSY
1	C-34805	1	CELL ASS'Y, CELL CLASS PER APPLICATION

ITEM	PART NO	REQ	DESCRIPTION			
TOLERANCE UNLESS OTHERWISE SPECIFIED			THIS DRAWING IS THE PROPERTY OF TELEDYNE ELECTRONIC DEVICES AND CONTAINS CONFIDENTIAL INFORMATION. IT IS NOT TO BE COPIED, REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.			
PRAC. 3464			 TELEDYNE ELECTRONIC DEVICES CITY OF INDUSTRY, CALIFORNIA 91748		SCALE 1:1	DATE 2-17-84
REC. 3462					WATL	NOTED.
ANCHOR 3467						
F/C-34744			TED PROBE ASSEMBLY WITH T-1 / T-2 CELL		FINISH	NOTED
F/C-34682						
F/C-34767					DRG. NUMBER ENGR. APP.	
C.D.					B-34726	

TED 120 F/C-34744
TED 140 F/C-34688
TED 150 F/C-34767

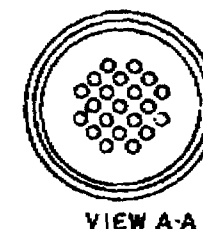
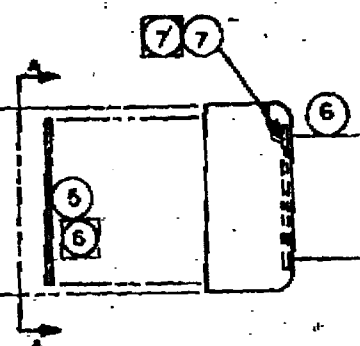
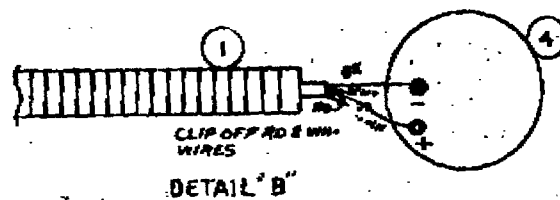
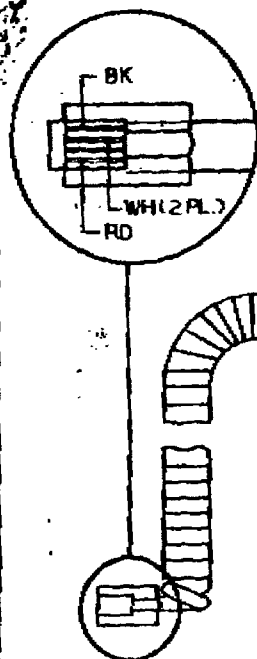
TESTED PROBE ASSEMBLY
WITH T-1 / T-2 CELL

NOTED

DATE	TIME	APP
B-34726		

QA	ISSUE NO.	DATE	REVISION / ECO NUMBER	APP.
	1	5-17-85	ECO NO. 85-0130	
	2	6-20-86	ECO 86 0099M	

WIRE LOC. SCALE 2:1



NOTES:

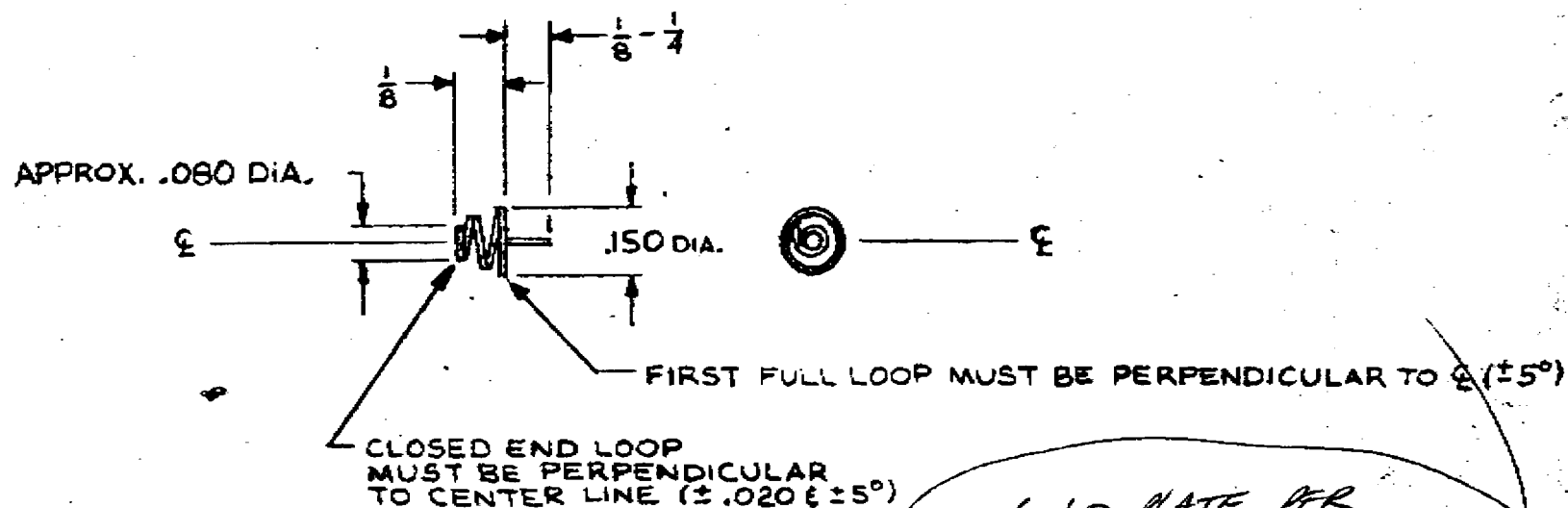
- 1 AFTER INSTALLING SCREEN (ITEM 5) INTO PROBE CAP (ITEM 6), SECURE BY PLACING SOLDERING IRON INTO PROBE CAP (ITEM 6) AND MELTING PLASTIC ONTO SCREEN (ITEM 5). SEE VIEW A-A.
- 2 THREAD CABLE (ITEM 2) THRU HOLE IN HOUSING PRIOR TO SOLDERING CABLE TO P.C. BD. (SEE DETAIL 'B' FOR WIRING DET.)
- 3 SECURE P.C. BD IN HOUSING USING PERMABOND 101
- 4 POT HOUSING THRU REAR HOLE PAST CABLE PRIOR TO INSTALLING STRAIN RELIEF (ITEM 2). FILL 1/2-2/3 FULL USING FREY ENG. CF-3001 EPOXY.
- 5 INSTALL STRAIN RELIEF & ALLOW EPOXY TO CURE OVERNIGHT WITH CABLE UPRIGHT.
- 6 INSTALL ITEM 6 (SCREEN) USING E-100 ADHESIVE.
- 7 INSTALL ITEM 7 (WASHER) ON TOP OF ITEM 6 (SCREEN) USING RUBBER CEMENT.

ITEM	PART NO.	REQ	DESCRIPTION
7	W1	1	WASHER, 1/32 THK X 13/16 ID X 145/32 OD NEOPRENE
6	A 36874	1	PROBE CAP DETAIL
5	A 36987	1	PROBE FILTER SCREEN DETAIL
4	A 36939	1	PROBE P.C. BD. ASSEMBLY
3	B 3912	1	PROBE HOUSING DETAIL
2	R1121	1	STRAIN RELIEF HEYCO #3P-4
1	C885	1	CABLE
THIS DRAWING IS THE PROPERTY OF TELEDYNE ANALYTICAL INSTRUMENTS AND CONTAINS CONFIDENTIAL INFORMATION. IT IS NOT TO BE REPRODUCED, COPIED, OR USED WITHOUT WRITTEN PERMISSION.			
FRAC. 1/64" DEC. 1.000 AMERICAN 1/2		TELEDYNE ANALYTICAL INSTRUMENTS CITY OF INDUSTRY, CALIFORNIA 91748	
P/234744 REV. 1/1/85		PROBE ASSEMBLY (FOR T-6 CELL ONLY)	
		SCALE	DATE 5-17-85
		MAT'L	LISTED
		FINISH	
		DR. DC.	ENGR.
		APP.	
		B-38012	

17	2		SCREW 6-32 X .38 LG FLAT HD
18	1	A-8657	MOUNTING BAR
15			
14	5	LL 39	LV8, #8
13	1	W 1	GASKET
12	1	A-11209	CAP
11	1	A-8894	SS SCREEN
10	SEE TAB		CABLE, 4-CCND 22GA SHIEDED PVC JACKET BELDEN No 8723
9	2		SCREW, 2-56 X .25 LG BRND HD.
8	1	A-9341	BACK COVER
7	1	C 258	CABLE CLAMP, STRAIN RELIEF, LAMCOR, INSULATED No 2
6	1	A-22377	PROBE HOUSING
5	1	T 305	THERMISTOR
4	1	A-6542	CONTACT PLATE ASSEMBLY
3			
2	1	C-6689	CELL ASSEMBLY
1	REF	B-16952-R5	ROUTE SHEET

ITEM	QTY	PART No.	DESCRIPTION
BILL OF MATERIAL			
DO NOT SCALE DWG		THIS DRAWING IS THE PROPERTY OF TELEDYNE ANALYTICAL INSTRUMENTS AND CONTAINS CONFIDENTIAL INFORMATION. IT IS NOT TO BE COPIED, REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.	
TOLERANCE UNLESS OTHERWISE SPECIFIED: ANGULAR $\pm 1/2^\circ$		 Teledyne Analytical Instruments A business unit of Teledyne Electronic Technologies CITY OF INDUSTRY, CALIFORNIA 91740	
LINEAR $\begin{cases} .X & = \pm .1 \\ .XX & = \pm .02 \\ .XXX & = \pm .010 \end{cases}$			
SIGNATURES		DATE	TITLE
I/ DRFT: VF		7/18/96	MDL 322 & 324 02 MONITORING SYSTEM PROBE ASSY AND WIRING
I/ CHK:			
P/ APPR:			
O/ ENGR:			
F/ S.O.:			
REFERENCE	CAD I.D. B16952-9		SCALE 1:1 SIN C-66329 SHEET 1 OF 1 DATE DWG NO. B-16952 REV 9

ISSUE NO.	DATE	REVISION / ECO NUMBER	APP
1	11-14-84		<i>[Signature]</i>
2	11-28-84	~	<i>[Signature]</i>

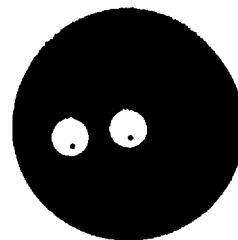
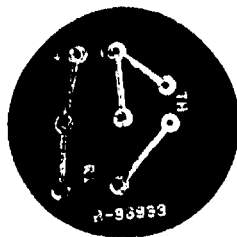
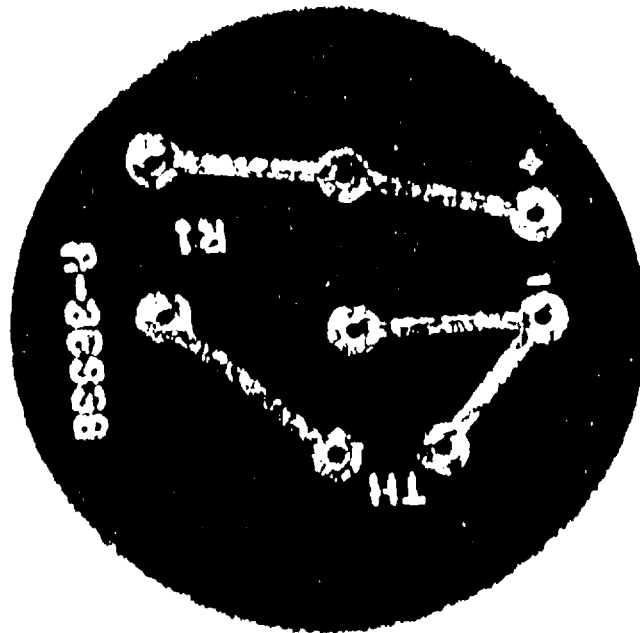


NOTES:

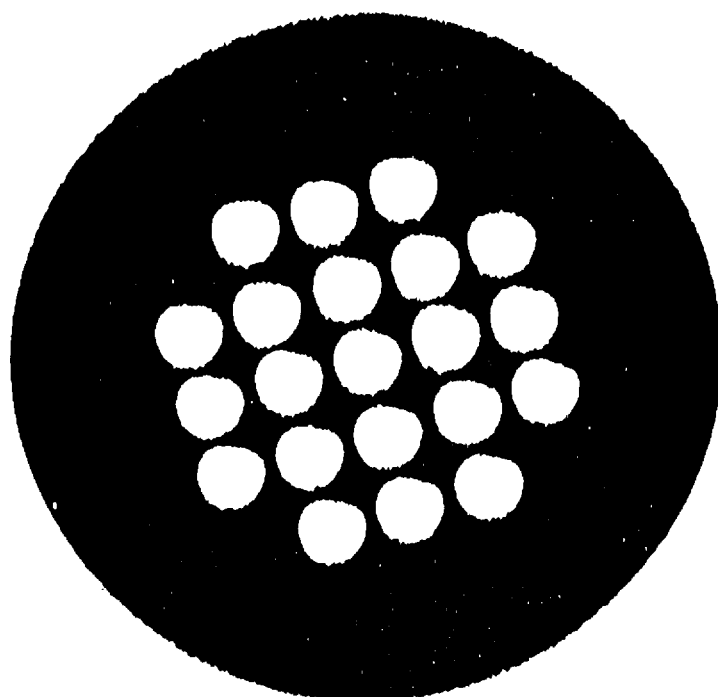
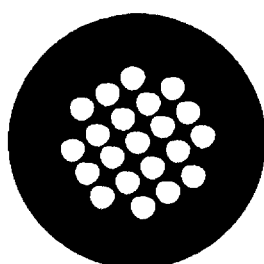
- 1 SPRING MAY HAVE 2-3 TURNS TO ACHIEVE 1/8" FREE LENGTH
- 2 SPRING SHOULD BE CONICAL (I.E. "FLAT" WHEN COMPRESSED)

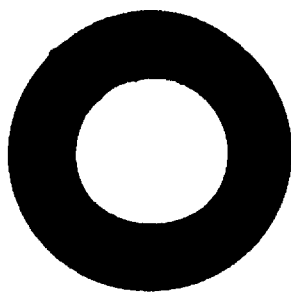
*GOLD PLATE PER
MIL G-45204, TYPE II,
CLASS 2, .0005" MIN THK*

ITEM	PART NO.	REQ	DESCRIPTION
TOLERANCE UNLESS OTHERWISE SPECIFIED			THIS DRAWING IS THE PROPERTY OF TELEDYNE ANALYTICAL INSTRUMENTS AND CONTAINS CONFIDENTIAL INFORMATION. IT IS NOT TO BE COPIED, REPRODUCED OR USED WITHOUT WRITTEN PERMISSION.
FRAC. $\pm 1/64"$ DEC. $\pm .005"$ ANGULAR $\pm 1/2^\circ$			TELEDYNE ANALYTICAL INSTRUMENTS CITY OF INDUSTRY, CALIFORNIA 91748
N/S625			SCALE 2:1 DATE 11-14-84 MAT'L .018" DIA. SS WIRE FINISH SEE 5625 DR NACH ENGR
CONTACT SPRING DETAIL			



T-1 Sensor Holder PCB





W-1 Neoprene washer

Mr Fernie, Bradford Rubber Services , Kober works, Ambler St. Bradford BD8 8AW