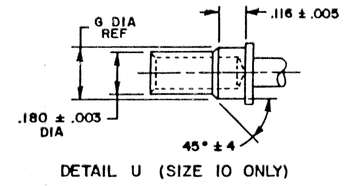
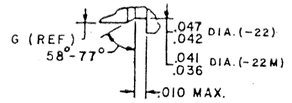
LTR	DESCRIPTION	DATE	APPROVED
D	(CL II) REWORDED NOTE 13 E.C.N. 83600	11-14-97 JINGLES	

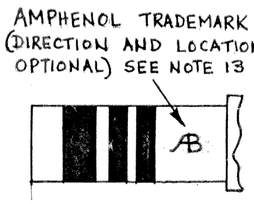
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE NUM: 70093-191		
	B	(CL II) MOVED NOTES TO SHEET 2 ECN: 82498	11-27-96 RATCHFORD	
	C	(CL II) REVISE TRI-STAR P/N 366-WAS 316- ECN 82967	02/31/97 BIVIANO	



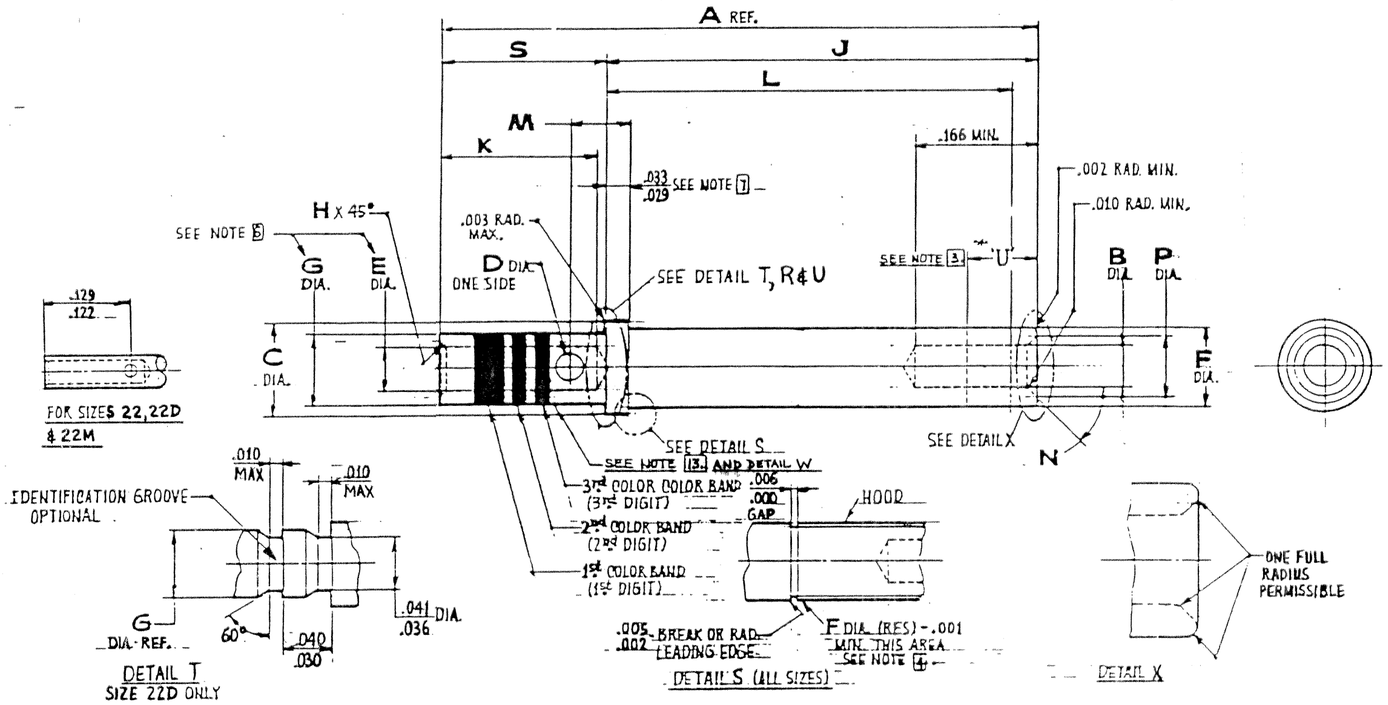
DETAIL U (SIZE 10 ONLY)



DETAIL R
SIZES 22, 22M ONLY



DETAIL W



BIN CODE	SIZE CONTACT	1st DIGIT	2nd DIGIT	3rd DIGIT	MILITARY PART NUMBER	AMPHENOL PART NUMBER	VENDOR TRI-STAR PART NUMBER
348	22d	ORANGE	YELLOW	GRAY	M39029/56-348	10-597261-721	366-2222-136
349	22M	ORANGE	YELLOW	WHITE	M39029/56-349	10-597261-231	366-2222-137
350	22	ORANGE	GREEN	BLACK	M39029/56-350	10-597261-221	366-2222-138
351	20	ORANGE	GREEN	BROWN	M39029/56-351	10-597261-201	366-2020-139
352	16	ORANGE	GREEN	RED	M39029/56-352	10-597261-161	366-1616-140
353	12	ORANGE	GREEN	ORANGE	M39029/56-353	10-597261-121	366-1212-141
354	22d	ORANGE	GREEN	YELLOW	M39029/57-354	10-597261-722	366-2222-103
355	22M	ORANGE	GREEN	GREEN	M39029/57-355	10-597261-232	366-2222-104
356	22	ORANGE	GREEN	BLUE	M39029/57-356	10-597261-222	366-2222-105
357	20	ORANGE	GREEN	VIOLET	M39029/57-357	10-597261-202	366-2020-106
358	16	ORANGE	GREEN	GRAY	M39029/57-358	10-597261-162	366-1616-107
359	12	ORANGE	GREEN	WHITE	M39029/57-359	10-597261-122	366-1212-108
527	10	GREEN	RED	VIOLET	M39029/56-527	10-597261-101	366-1010-231

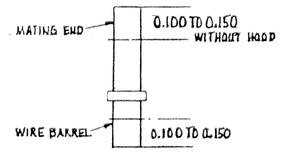
VENDOR AND ADDRESS

TRI-STAR ELECTRONICS, INC.
362 MAIN STREET
VENICE, CA 90291

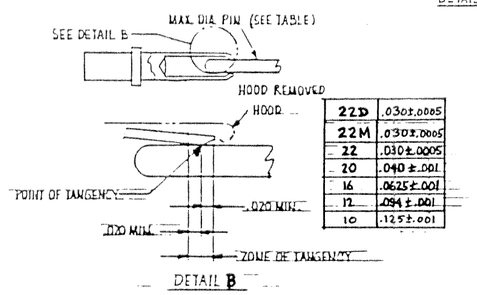
SEE SHEET 2

NOTES:

BIN Code	A REF	B DIA MIN	C DIA	D DIA	E DIA	F DIA MAX	G DIA	H	J	K MIN	L MIN (NOTE 12)	M	N°	P DIA MIN	S
348	.855	.031	.062 .060	.022 .018	.0355 .0335	.062	.048 .046	.005 .003	.626 .616	.141	.585	---	50° 44°	.047	.237 .231
349		.031	.062 .060	.022 .018	.029 .027	.062	.046 .044	.005 .003		.141		---	50° 44°	.047	
350		.031	.071 .069	.022 .018	.0375 .0355	.062	.052 .050	.005 .003		.141		---	50° 44°	.047	
351		.0415	.094 .091	.032 .026	.048 .046	.078	.070 .068	.010 .005		.209		.078 .072	47° 40°	.053	
352		.064	.130 .127	.042 .036	.068 .066	.113	.103 .101	.010 .005		.209		.088 .082	47° 40°	.084	
353		.0955	.182 .179	.042 .036	.102 .098	.161	.151 .148	.016 .005		.209		.088 .082	47° 40°	.118	
354	.518	.031	.062 .060	.022 .018	.0355 .0335	.062	.048 .046	.005 .003	.289 .279	.141	.248	---	50° 44°	.047	.237 .231
355		.031	.062 .060	.022 .018	.029 .027	.062	.046 .044	.005 .003		.141		---	50° 44°	.047	
356		.031	.071 .069	.022 .018	.0375 .0355	.062	.052 .050	.005 .003		.141		---	50° 44°	.047	
357		.0415	.094 .091	.032 .026	.048 .046	.078	.070 .068	.010 .005		.209		.078 .072	47° 40°	.053	
358		.064	.130 .127	.042 .036	.068 .066	.113	.103 .101	.010 .005		.209		.088 .082	47° 40°	.084	
359		.0955	.182 .179	.042 .036	.102 .098	.161	.151 .148	.016 .005		.209		.088 .082	47° 40°	.118	
527	1.021	.1265	.242 .238	.052 .048	.140 .134	.215	.213 .207	.016 .005	.626 .616	.385 .355	.585	.115 .108	NA	.146	.405 .395



DETAIL C



22D	.030±.0005
22M	.030±.0005
22	.030±.0005
20	.040±.001
16	.0625±.001
12	.094±.001
10	.125±.001

DETAIL B

PURCHASED PART

FIND NO.	QTY REQD.	FSCM NO.	PART NUMBER	DESCRIPTION	NOTE REF.

PARTS LIST

UNLESS OTHERWISE SPECIFIED LINEAR DIMENSIONS ARE IN INCHES.
TOLERANCES: .XXX±.010, .XX ±.03, .X ±.1, ANGLES ±2°.
OTHER STANDARDS PER 9-3800 AND DOD-D-1000.
NOTE REF. = (XX)

SPECIFICATIONS	SIGNATURES	DATES
MATERIAL SPEC.	PREPARED L. Hatchford	4-21-93
	CHECKED L. Hatchford	4-21-93
	MATERIAL	
PROCESS SPEC.	APPROVED L. Hatchford	4-21-93
	APPROVED D. Davis	4-21-93
	1ST PART NO	

AMPHENOL CORPORATION
BENDIX CONNECTOR OPERATIONS
SIDNEY, N.Y.

MINATURE CONNECTOR MIL-C-38999 U
SOCKET CONTACT ASSEMBLY

SIZE	FSCM NO		REV
C	77820	10-597261-( )	D
SCALE	WT	REF	SHEET 1 OF 2

10-597261-( )

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NEXT ASSEMBLY

COMPUTER GENERATED DRAWING.

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1. DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED.

2. MATERIAL: CONTACT BODY-COPPER ALLOY, HOOD-STAINLESS STEEL, PRESSURE SPRING-CORROSION RESISTANT MATERIAL.

3. LOCALIZED FINISH: CONTACT BODY-GOLD PLATING IN ACCORDANCE WITH MIL-G-45204, TYPE II, GRADE C, CLASS 1 (0.000050 INCH MIN.) APPLIED TO AREA "U" (I.D.). ALL OTHER SURFACES SHALL BE FINISHED WITH GOLD IN ACCORDANCE WITH MIL-G-45204 ANY TYPE OR GRADE (NO THICKNESS SPECIFIED). THE ENTIRE SURFACE OF THE CONTACT BODY SHALL HAVE A NICKEL UNDERPLATE PER QQ-N-290, CLASS 2 (0.000030 TO 0.000150 INCH THICK). HOOD AND PRESSURE SPRING: PASSIVATE, MUST MEET MIL-C-39029 TEST REQUIREMENTS. SEE DETAIL "B" FOR PLATING THICKNESS MEASUREMENTS.

4. HOODS SHALL NOT EXCEED CONTACT BODY DIAMETER REGARDLESS OF FEATURE SIZE (RFS) IN ATTACHMENT AREA.

5. THE CONTACTS MUST MEET ALL THE REQUIREMENTS OF MIL-C-39029 AND APPLICABLE DRAWINGS, M39029/56 & M39029/57.

6. FOR SIZE 22D (BIN CODES 348 & 354) ONLY, DIAMETERS E AHD G TO BE CONCENTRIC WITHIN .003 T.I.R. REGARDLESS OF FEATURE SIZE (RFS); FOR ALL OTHER CONTACT SIZES, DIAMETERS E AND G TO BE CONCENTRIC WITHIN .001 T.I.R. AT MAXIMUM MATERIAL CONDITION (MMC).

7. INDICATED DIMENSION DOES NOT APPLY FOR SIZE 22D & 22M CONTACTS (BIN CODES 348,349,354 & 355).

8. SUPPLIER TO RETAIN QUALIFICATION AND PERFORM PERIODIC INSPECTION-GROUP B, AS OUTLINED IN MIL-C-39029.

9. ALL SURFACES TO BE 63 $\surd$ OR BETTER PER ANSI-B46.1-1985, UNLESS OTHERWISE SPECIFIED.

10. VENDOR PART NUMBERS ARE SHOWN FOR REFERENCE ONLY. PARTS TO BE PROCURED UNDER THE MILITARY PART NUMBER ONLY.

11. CONTACT BODY TO BE ONE PIECE CONSTRUCTION SCREW MACHINE FABRICATED.

12. POINT AT WHICH A SQUARE ENDED PIN OF THE SAME BASIC DIAMETER AS THE MATING CONTACT FIRST ENGAGES THE SOCKET CONTACT SPRING.

13. CONTACT MARKING: CONTACTS SHALL BE PERMANENTLY AND LEGIBLY MARKED WITH AMPHENOL'S SYMBOL OR TRADEMARK AND BIN CODE COLOR BANDS (BIN CODE NUMERING IS NOT PERMISSIBLE).

14. OVERALL FINISH: CONTACT BODY-THE EXTERNAL SURFACE SHALL BE GOLD PLATED IN ACCORDANCE WITH MIL-G-45204 TYPE II, GRADE C, CLASS 1 (0.000050 INCH MIN.) OVER A NICKEL UNDERPLATE PER QQ-N-290, CLASS 2 (0.000030 TO 0.000150 INCH THICK). CONTACT MUST MEET MIL-C-39029 TEST REQUIREMENTS. SEE DETAIL "C" FOR PLATING THICKNESS MEASUREMENTS.

NOTES:

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SIZE	FSCM NO.	DOCUMENT NO.	REV.
C	77820	10-597261-( )	D
SCALE: NONE	REF: FALSE		SHEET 2 OF 2

SH 1 OF 1

DOC 10-597261-( )

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