

REV.	LTR	DESCRIPTION	DATE
H	D	(CL11) SEE RDC DWG FOR REV C ADDED -47 THRU -51 ECN: 96383	JHEATH
E	E	(CL11) SEE CHG NOTICE ECN: A0766-0000	10/3/06
F	F	(CL11) SEE CHG NOTICE ECN: A9517-0000	8/24/10
G	G	(CL11) SEE CHG NOTICE ECN: B0121-0000	12/3/10
H	H	(CL11) SEE CHG NOTICE ECN: B4484-0000	10/18/13

10-597506-()

SHEET 1 OF 4

REV.

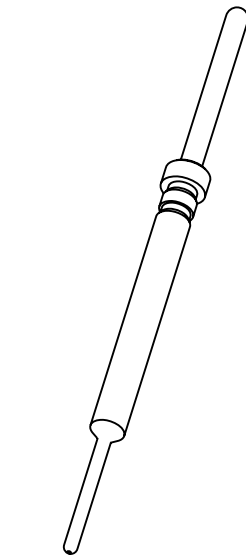
C

B

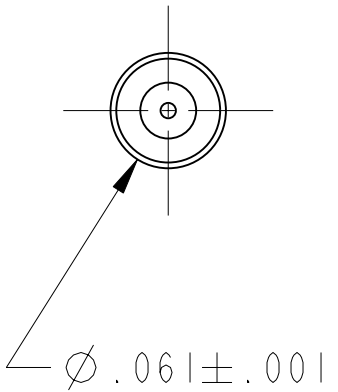
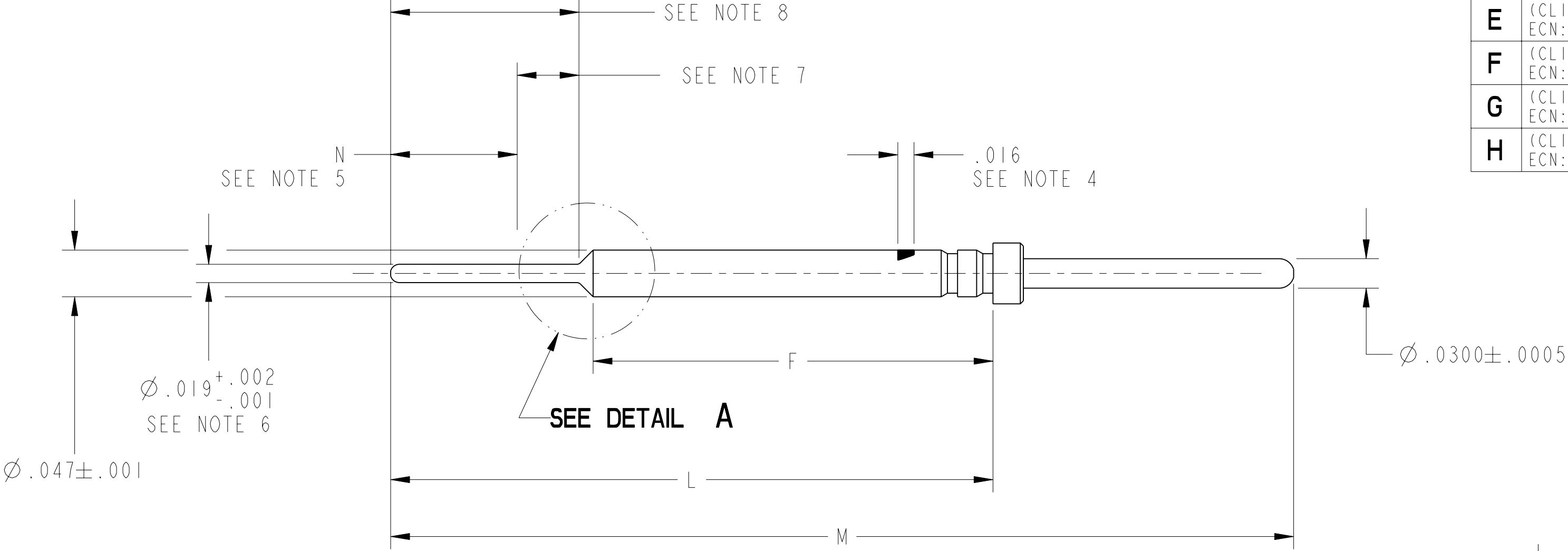
A

FORMAT: C-L-E-I

4	3	2
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SCALE 4



TYPE I

- 6. INDICATED DIMENSION APPLIES AFTER PRETINNING.
- 5. PRETIN INDICATED LENGTH PER 9-7894 AFTER PLATING. GOLD PLATED CONTACTS PER 9-6800-3, 9-6800-4 AND 9-6800-H MUST BE DOUBLE PRETINNED PER 9-7894-1.
- 4. BLACK INK STAMP TRADEMARK, 9-6700 TYPE IV, PER 9-7530 IN APPROXIMATE POSITION SHOWN AFTER PLATING. DIRECTION OPTIONAL. TRADEMARK MAYBE SOLID AS SHOWN.
- 3. ALL DIMENSIONS ARE AFTER PLATING EXCEPT AS NOTED. (SEE NOTE 6)
- 2. ADD LAST CHARACTER TO SUFFIX FOR FINISH:

SUFFIX LAST CHARACTER	FINISH	
2	GOLD PLATE	9-6800-2
3	GOLD PLATE	9-6800-3
4	GOLD PLATE	9-6800-4
5	GOLD PLATE	9-6800-5
9	GOLD PLATE	9-6800-9
F	GOLD PLATE	9-6800-F
H	GOLD PLATE	9-6800-H

1. PROCESS SPEC:
9-7530, 9-6700, 9-6800
9-7894, 9-8825, 9-7894-1

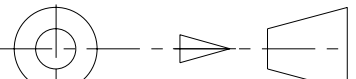
NOTES:

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N/A

NEXT ASSEMBLY

PRO/ENGINEER INFORMATION	
Pro/e Model Used:	
Drawing Name:	

UNLESS OTHERWISE SPECIFIED		SPECIFICATIONS		POS	QTY	PART NUMBER	DESCRIPTION	NOTE
LINEAR DIMENSIONS ARE IN INCHES TOLERANCES: .XXXX = ±.0005 ANGLES= ±2° .XXX = ±.010 .XX = ±.03 .X = ±.1 DIM. & TOL. PER ASME Y14.5M; DRM PER MIL-DTL-31000; OTHER Amphenol Sids. PER 9-3800 LEGENDS: =FLAG NOTE CALL OUT REFERENCE ONLY 		MATERIAL SPEC.		APPROVALS		DATE	PARTS LIST	
		N/A		PREPARED BY		JHEATH	AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13838 CONTACT, PIN, ELECTRICAL CONNECTOR, SIZE 22D, JT-R, PRETINNED	
				ENGINEER IN CHARGE		LRATCHFORD		
				DESIGN MANAGER		ADAVIS		
				DESIGN ACTIVITY GROUP		MIL AERO		
		PROCESS SPEC.		THIRD ANGLE PROJECTION		SIZE		CAGE CODE
SEE NOTE 1				C	77820	10-597506-()	H	
				SCALE: 10.0		REF. 10-497696		SHEET 1 OF 4

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REV.

H

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H

VERSION

1

REVISION

H

RELEASE STATE

Released

10-597506-1	DOCUMENT NO.	PART NUMBER	MADE FROM	TYPE	F	L	M REF	N MIN	MEAN SURFACE AREA SQ. IN.
		10-597506-01()	10-497628-01B	11	.328 ^{+.000} _{-.015}	.535±.005	.832	.188	.0851
		10-597506-02()	10-497628-02B	1	.460 ^{+.000} _{-.015}	.873±.005	1.170	.200	.1234
SHEET 2 OF 4	REV.	10-597506-03()	10-497628-03B	1	.460 ^{+.000} _{-.015}	.718±.005	1.015	.200	.1146
		10-597506-04()	10-497628-04B	1	.460 ^{+.000} _{-.015}	1.031±.005	1.328	.200	.1324
		10-597506-05()	10-497628-05B	1	.460 ^{+.000} _{-.015}	1.001±.005	1.298	.200	.1307
C		10-597506-06()	10-497628-06B	1	.460 ^{+.000} _{-.015}	.975±.005	1.272	.200	.1292
		10-597506-07()	10-497628-07B	11	.515±.005	.755±.005	1.052	.150	.1285
		10-597506-08()	10-497628-08B	11	.365±.005	.772±.005	1.069	.188	.1050
		10-597506-09()	10-497628-09B	11	.355 ^{+.003} _{-.002}	.477±.005	.774	.100	.0869
		10-597506-10()	10-497628-10B	11	.355 ^{+.003} _{-.002}	.560±.005	.857	.150	.0916
		10-597506-11()	10-497628-11B	11	.840±.003	1.090±.005	1.387	.200	.1919
		10-597506-12()	10-497628-12B	11	1.205±.005	1.410±.010	1.707	.100	.2630
		10-597506-13()	10-497628-13B	1	1.443±.003	1.767±.005	2.064	.200	.3177
		10-597506-14()	10-497628-14B	11	.365±.005	.776±.005	1.073	.200	.1052
		10-597506-15()	10-497628-15B	1	.515±.005	.755±.005	1.052	.150	.1258
B		10-597506-16()	10-497628-16B	11	1.000±.005	1.513±.003	1.810	.250	.2391
		10-597506-17()	10-497628-17B	11	.325 ^{+.003} _{-.002}	.465±.005	.762	.100	.0818
		10-597506-18()	10-497628-18B	1	.395±.005	.595±.005	.892	.100	.0993
		10-597506-19()	10-497628-19B	1	.210±.005	.430±.005	.727	.100	.0631
		10-597506-20()	10-497628-20B	11	.167±.005	.810±.005	1.107	.300	.0785
		10-597506-21()	10-497628-21B	1	.460 ^{+.000} _{-.015}	.745±.005	1.042	.250	.1162
		10-597506-22()	10-497628-22B	11	.485±.005	.739±.003	1.036	.250	.1205
		10-597506-23()	10-497628-23B	11	.597±.003	.683±.005	.980	.075	.1202
		10-597506-24()	10-497628-24B	11	.362±.005	.712±.003	.818	.280	.1062
		10-597506-25()	10-497628-25B	1	.460 ^{+.000} _{-.015}	.920±.005	1.217	.390	.1278
		10-597506-26()	10-497628-26B	1	.290±.005	.580±.005	.877	.220	.0939
		10-597506-27()	10-497628-27B	11	.355±.002	.578±.002	.875	.155	.0927
		10-597506-28()	10-497628-28B	1	.166±.004	.460±.005	.757	.225	.0768
		10-597506-29()	10-497628-29B	1	.166±.004	.560±.005	.857	.325	.0827
		10-597506-30()	10-497628-30B	11	.590±.003	.690±.002	.987	.090	.1283

-SEE NOTE 2

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SIZE C	CAGE CODE 77820	DOCUMENT NO. 10-597506-()	REV. H
SCALE: 10.0		REF: 10-497696	SHEET 2 OF 4

10-597506- ()	DOCUMENT NO.	PART NUMBER	MADE FROM	TYPE	F	L	M REF	N MIN	MEAN SURFACE AREA SQ. IN.
		10-597506-31()	10-497628-31B	11	.450±.005	.880±.005	1.177	.440	.1250
		10-597506-32()	10-497628-32B	11	.520±.003	.747±.005	1.044	.160	.1228
		10-597506-33()	10-497628-33B	11	.230±.005	.525±.010	.822	.325	.0859
		10-597506-34()	10-497628-34B	I	.460 ^{+.000} _{-.015}	.965±.003	1.262	.435	.1309
SHEET 3 OF 4		10-597506-35()	10-497628-35B	I	.450±.005	.734±.003	1.031	.215	.1163
		10-597506-36()	10-497628-36B	I	.460 ^{+.000} _{-.015}	.718±.005	1.015	.278	.1162
		10-597506-37()	10-497628-37B	11	.588±.005	.706±.005	1.003	.090	.1293
		10-597506-38()	10-497628-38B	11	.454±.008	.946±.005	1.243	.425	.1322
		10-597506-39()	10-497628-39B	11	.454±.008	1.027±.005	1.324	.505	.1371
REV.		10-597506-40()	10-497628-40B	11	.454±.008	.897±.005	1.194	.375	.1293
		10-597506-41()	10-497628-41B	11	1.032±.005	1.387±.005	1.684	.300	.2094
		10-597506-42()	10-497628-42B	11	.365±.005	.680±.005	.977	.245	.1085
		10-597506-43()	10-497628-43B	11	.588±.003	.688±.003	.985	.050	.1282
		10-597506-44()	10-497628-44B	I	.520±.005	.862±.005	1.160	.270	.1297
C		10-597506-45()	10-497628-45B	11	.520±.005	.805±.005	1.102	.200	.1263
		10-597506-46()	10-497628-46B	I	.394 ^{+.000} _{-.015}	.985±.003	1.282	.540	.1226
		10-597506-47()	10-497628-47B	11	.275±.003	.400±.003	.697	.125	.0826
		10-597506-48()	10-497628-48B	I	.376 ^{+.000} _{-.015}	.815±.005	1.112	.350	.1163
		10-597506-49()	10-497628-49B	I	.365±.005	.830±.003	1.127	.375	.1152
B		10-597506-50()	10-497628-50B	11	.637±.003	1.075±.004	1.372	.365	.1547
		10-597506-51()	10-497628-51B	I	1.000 ^{+.000} _{-.015}	1.738±.005	2.035	.650	.2262
		10-597506-52()	10-497628-52B	11	.365±.005	.791±.005	1.088	.350	.1126
		10-597506-53()	10-497628-53B	I	.460 ^{+.000} _{-.015}	.844±.003	1.141	.300	.1181
		10-597506-54()	10-497628-54B	TBD					
		10-597506-55()	10-497628-55B	11	.525 ^{+.000} _{-.005}	.731±.003	1.028	.140	.1064
		10-597506-56()	10-497628-56B	11	.845±.005	1.002±.005	1.299	.100	.1669
		10-597506-57()	10-497628-57B	I	.460 ^{+.000} _{-.015}	.640±.003	.937	.100	.1152
		10-597506-58()	10-497628-58B	I	.330±.005	.646±.003	.943	.255	.1042
		10-597506-59()	10-497628-59B	11	.702±.003	.896±.004	1.193	.120	.1518
		10-597506-60()	10-497628-60B	11	.733±.003	.925±.005	1.222	.120	.1563

-SEE NOTE 2

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SIZE C	CAGE CODE 77820	DOCUMENT NO. 10-597506-()	REV. H
SCALE: 10.0		REF: 10-497696	SHEET 3 OF 4

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10-597506-()

DOCUMENT NO.

10-597506-()

SHEET 4 OF 4

REV. H

PART NUMBER	MADE FROM	TYPE	F	L	M REF	N MIN	MEAN SURFACE AREA SQ. IN.
10-597506-61()	10-497628-61B	II	.675±.005	.845±.005	1.142	.100	.1457
10-597506-62()	10-497628-62B	II	.665±.002	.921±.002	1.218	.260	.1493
10-597506-63()	10-497628-63B	II	.515±.003	.825±.005	1.122	.280	.1304
10-597506-64()	10-497628-64B	II	.455±.005	.603±.003	.900	.100	.1119
10-597506-65()	10-497628-65B	II	.256±.003	.706±.005	1.003	.425	.1009
10-597506-66()	10-497628-66B	II	.365±.005	.835±.005	1.132	.450	.1178
10-597506-67()	10-497628-67B	II	.540±.005	.825±.005	1.122	.220	.1313
10-597506-68()	10-497628-68B	II	.350±.003	.890±.003	1.187	.480	.1166
10-597506-69()	10-497628-69B	I	.460 ^{+.000} _{-.015}	.795±.005	1.092	.270	.1209
10-597506-70()	10-497628-70B	II	1.065±.005	1.160±.005	1.457	.105	.1948
10-597506-71()	10-497628-71B	II	.454±.008	1.001±.005	1.298	.480	.1325

SEE NOTE 2

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REV. H

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REV. H

SIZE C

CAGE CODE 77820

DOCUMENT NO. 10-597506-()

REV. H

SCALE: 10.0

REF: 10-497696

SHEET 4 OF 4

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