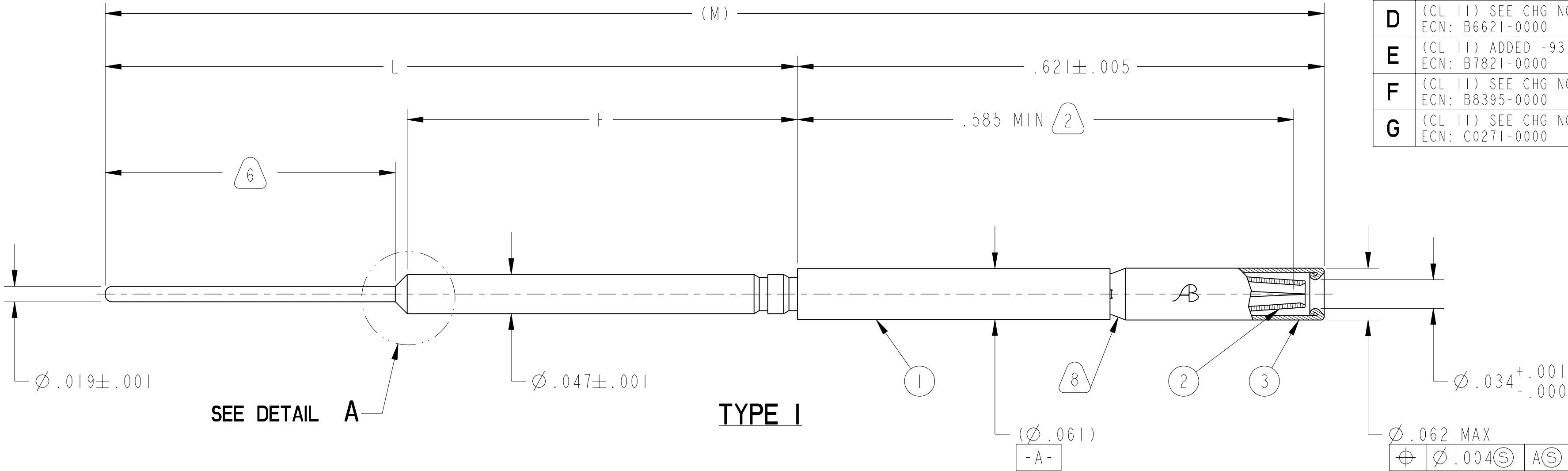


REV.	LTR	DESCRIPTION	DATE
G	A	INITIAL RELEASE	1/25/10
B		(CL 11) SEE CHG NOTICE ECN: B1963-0000	12/12/11
C		(CL 11) SEE CHG NOTICE ECN: B5923-0000	6/14/13
D		(CL 11) SEE CHG NOTICE ECN: B6621-0000	1/22/14
E		(CL 11) ADDED -93 & -094 ECN: B7821-0000	2/26/14
F		(CL 11) SEE CHG NOTICE ECN: B8395-0000	4/30/14
G		(CL 11) SEE CHG NOTICE ECN: C0271-0000	4/18/16



8 CRIMP SLEEVE AND SPRING TIGHTLY TO BODY PER 9-9383. A 15 POUND AXIAL LOAD SHALL NOT DISLODGE SPRING. SLEEVE SHALL WITHSTAND A .4 IN-OZ TORQUE WITHOUT SPINNING.

7. SPECIFIED GENERAL TOLERANCES:

$\pm .005$

6 INDICATED AREA MEETS THE SOLDERABILITY REQUIREMENTS OF MIL-STD-202, METHOD 208.

5. MEETS THE APPLICABLE REQUIREMENTS OF M39029/56.

4. ALL DIMENSIONS ARE AFTER PLATING.

3. PROCESS SPEC:
ASSY 9-9383
TEST 9-5272-16

2 INDICATED DIMENSION TO BE FROM SHOULDER TO POINT OF ENGAGEMENT OF SPRING AND A.0300±.0002 DIAMETER SQUARE ENDED PIN.

1. A.0305+.0002-.0000 DIA HARDENED STEEL PIN SHALL ENGAGE SOCKET WITH A FORCE NOT GREATER THAN 9.5 OZ. A .0295+.0000-.0002 DIAMETER HARDENED STEEL PIN SHALL DISENGAGE SOCKET WITH A FORCE NOT LESS THAN 1.25 OZ. DEPTH OF ENGAGEMENT OF PINS SHALL BE .116 MIN. FROM FRONT OF CONTACT. PINS SHALL HAVE A SPHERICAL TIP AND A 3/ FINISH.

NOTES:

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N/A

NEXT ASSEMBLY

PRO/ENGINEER INFORMATION	
Pro/e Model Used:	10-597878.ASSEM
Drawing Name:	10-597878

10. SOCKET SPRING TINES (ITEM 2) ARE GOLD PLATED PER AS39029 REQUIREMENTS.

9 TO COMPLETE PART NUMBER, ADD APPLICABLE SUFFIX DIGIT FOR CONTACT BODY FINISH

SUFFIX DIGIT

I
5
D

FINISH

GOLD 20-30 MICROINCHES
GOLD 9-7362-5
GOLD 9-7362-D

UNLESS OTHERWISE SPECIFIED	SPECIFICATIONS
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 Sds. PER 9-3800 LEGENDS: =FLAG NOTE CALL OUT REFERENCE ONLY	MATERIAL SPEC. N/A
	PROCESS SPEC. SEE NOTE 3

POS	QTY	PART NUMBER	DESCRIPTION	NOTE
3	I	10-407914-22B	SLEEVE	8
2	I	10-597871-725	SPRING	8
1	I	10-597879-()	CONTACT BODY	

		PARTS LIST	
APPROVALS		DATE	AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13838
PREPARED BY HTANG		20-Feb-09	
ENGINEER IN CHARGE LRATCHFORD			
DESIGN MANAGER HJOHNSON			
DESIGN ACTIVITY GROUP MIL-AER DEVELOP			
THIRD ANGLE PROJECTION		CONTACT, SOCKET, ELECTRICAL CONNECTOR SIZE 22D, TYPE LJT-R, HYBRID, PCB	
		SIZE C	REV. G
		CAGE CODE 77820	DOCUMENT NO. 10-597878-()
SCALE: 10.0		REF. 10-597872-451	SHEET 1 OF 4

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ASSEMBLY NUMBER	BODY	F	L	(M)	TYPE
10-597878-01()	10-597879-01()	.460 ^{+.000} _{-.015}	.816±.005	1.439	I
10-597878-02()	10-597879-02()	1.123 ^{+.000} _{-.015}	1.393±.005	2.016	
10-597878-03()	10-597879-03()	.460 ^{+.000} _{-.015}	.873±.005	1.496	
10-597878-04()	10-597879-04()	.460 ^{+.000} _{-.015}	.733±.005	1.356	
10-597878-05()	10-597879-05()	.460 ^{+.000} _{-.015}	1.031±.005	1.654	
10-597878-06()	10-597879-06()	1.000 ^{+.000} _{-.015}	1.393±.005	2.016	
10-597878-07()	10-597879-07()	.460 ^{+.000} _{-.015}	.671±.005	1.294	
10-597878-08()	10-597879-08()	.460 ^{+.000} _{-.015}	.768±.005	1.391	
10-597878-09()	10-597879-09()	.525 ^{+.000} _{-.015}	.700±.005	1.323	
10-597878-10()	10-597879-10()	.460 ^{+.000} _{-.015}	.553±.005	1.176	
10-597878-11()	10-597879-11()	.460 ^{+.000} _{-.015}	1.091±.005	1.714	
10-597878-12()	10-597879-12()	.525 ^{+.000} _{-.015}	.665±.005	1.288	
10-597878-13()	10-597879-13()	.840±.005	1.090±.005	1.713	
10-597878-14()	10-597879-14()	.900 ^{+.000} _{-.015}	1.139 ^{+.000} _{-.015}	1.762	
10-597878-15()	10-597879-15()	.460±.005	.948±.005	1.571	

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NOTES: SEE SHEET I

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ASSEMBLY NUMBER	BODY	F	L	(M)	TYPE
10-597878-16()	10-597879-16()	.340±.005	.453±.005	1.076	I
10-597878-17()	10-597879-17()	1.200 ^{+.000} _{-.015}	2.392±.005	3.015	
10-597878-18()	10-597879-18()	.280 ^{+.000} _{-.015}	.585±.005	1.208	
10-597878-19()	10-597879-19()	.303±.005	.454±.003	1.077	
10-597878-20()	10-597879-20()	1.123 ^{+.000} _{-.015}	1.427±.005	2.050	
10-597878-21()	10-597879-21()	.275±.003	.477±.005	1.100	I
10-597878-22()	10-597879-22()	.439±.010	.590±.005	1.213	
10-597878-23()	10-597879-23()	.485±.005	.739±.003	1.362	
10-597878-24()	10-597879-24()	.415±.007	.790±.003	1.413	
10-597878-25()	10-597879-25()	.729±.003	.953±.005	1.576	
10-597878-26()	10-597879-26()	.486 ^{+.000} _{-.015}	1.048±.010	1.671	I
10-597878-27()	10-597879-27()	.525 ^{+.000} _{-.015}	1.102±.003	1.725	
10-597878-28()	10-597879-28()	.621±.005	.801±.005	1.424	I
10-597878-29()	10-597879-29()	.876±.005	1.073±.005	1.696	
10-597878-30()	10-597879-30()	.590±.003	.690±.002	1.313	

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SIZE
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CAGE CODE
77820

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4				3				2				10-597878-()							
ASSEMBLY NUMBER				BODY		F	L	(M)	TYPE	ASEEMBLY NUMBER				BODY		F	L	(M)	TYPE
10-597878-31()				10-597879-31()		.460 ^{+.000} _{-.015}	.783±.005	1.406	I	10-597878-51()				10-597879-51()		.280 ^{+.000} _{-.015}	.715±.005	1.338	I
10-597878-32()				10-597879-32()		.804±.005	1.129±.003	1.752		10-597878-52()				10-597879-52()		.580±.003	.830±.005	1.453	
10-597878-33()				10-597879-33()		.479±.005	.754±.003	1.377		10-597878-53()				10-597879-53()		.460 ^{+.000} _{-.015}	.965±.003	1.588	
10-597878-34()				10-597879-34()		.460±.005	1.203±.003	1.826	II	10-597878-54()				10-597879-54()		.479±.005	1.054±.005	1.677	II
10-597878-35()				10-597879-35()		.450±.005	.880±.005	1.503		10-597878-55()				10-597879-55()		.750±.005	1.060±.005	1.683	
10-597878-36()				10-597879-36()		.520±.003	.747±.005	1.370		10-597878-56()				10-597879-56()		.800±.005	.986±.005	1.609	
10-597878-37()				10-597879-37()		.730±.003	.830±.002	1.453	I	10-597878-57()				10-597879-57()		.280 ^{+.000} _{-.015}	.420±.003	1.043	I
10-597878-38()				10-597879-38()		.460 ^{+.000} _{-.015}	1.017±.003	1.640		10-597878-58()				10-597879-58()		.637±.003	1.075±.004	1.698	II
10-597878-39()				10-597879-39()		1.577±.005	1.687±.005	2.310		10-597878-59()				10-597879-59()		.460 ^{+.000} _{-.015}	.850±.005	1.473	I
10-597878-40()				10-597879-40()		.280 ^{+.000} _{-.015}	.782±.005	1.405	10-597878-60()				10-597879-60()		.600±.005	.938±.005	1.561	II	
10-597878-41()				10-597879-41()		.588 ^{+.003} _{-.000}	.730±.003	1.353	10-597878-61()				10-597879-61()		.410±.003	.690±.003	1.313		
10-597878-42()				10-597879-42()		.623±.005	.748±.005	1.371	I	10-597878-62()				10-597879-62()		.438±.005	.754±.003		1.377
10-597878-43()				10-597879-43()		.340±.005	.460±.005	1.083		10-597878-63()				10-597879-63()		.280 ^{+.000} _{-.015}	.825±.005	1.448	
10-597878-44()				10-597879-44()		.280 ^{+.000} _{-.015}	.782±.005	1.405		10-597878-64()				10-597879-64()		.590±.005	.901±.005	1.524	
10-597878-45()				10-597879-45()		1.450 ^{+.000} _{-.015}	2.167±.003	2.790	II	10-597878-65()				10-597879-65()		.460±.005	.915±.005	1.538	I
10-597878-46()				10-597879-46()		.520±.005	.833±.002	1.456		10-597878-66()				10-597879-66()		.460±.005	.645±.003	1.268	
10-597878-47()				10-597879-47()		.600±.003	.700±.003	1.323		10-597878-67()				10-597879-67()		.280±.005	1.015±.005	1.638	
10-597878-48()				10-597879-48()		.280 ^{+.000} _{-.015}	.550±.005	1.173	I	10-597878-68()				10-597879-68()		.735±.005	1.169±.005	1.792	I
10-597878-49()				10-597879-49()		.280±.005	.805±.005	1.428		10-597878-69()				10-597879-69()		.376±.005	.995±.005	1.618	
10-597878-50()				10-597879-50()		.257±.005	.503±.005	1.126											
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ASSEMBLY NUMBER						BODY						F						L						(M)						TYPE					
10-597878-70()						10-597879-70()						.665±.002						.921±.002						1.544						11					
10-597878-71()						10-597879-71()						.460±.005						.655±.003						1.278						1					
10-597878-72()						10-597879-72()						.515±.003						.830±.005						1.453						11					
10-597878-73()						10-597879-73()						.455±.005						.603±.003						1.226											
10-597878-74()						10-597879-74()						.984±.005						1.215±.005						1.838											
10-597878-75()						10-597879-75()						.279±.005						.754±.003						1.377						1					
10-597878-76()						10-597879-76()						.381±.005						.645±.003						1.268											
10-597878-77()						10-597879-77()						.555±.005						.840±.005						1.463						11					
10-597878-78()						10-597879-78()						.690±.005						1.260±.005						1.883						1					
10-597878-79()						10-597879-79()						.607±.005						.895±.005						1.518											
10-597878-80()						10-597879-80()						.685 ^{+.000} _{-.015}						.915±.003						1.538						11					
10-597878-81()						10-597879-81()						.270±.005						.645±.005						1.268						1					
10-597878-82()						10-597879-82()						.722±.005						.952±.003						1.575						11					
10-597878-83()						10-597879-83()						.900±.005						1.365±.005						1.988						11					
10-597878-84()						10-597879-84()						.447±.003						.868±.003						1.491						11					
10-597878-85()						10-597879-85()						.325 ^{+.000} _{-.015}						.692±.005						1.315						1					
10-597878-86()						10-597879-86()						.280 ^{+.000} _{-.015}						.675±.005						1.298						1					
10-597878-87()						10-597879-87()						.710±.003						.910±.005						1.533						11					
10-597878-88()						10-597879-88()						.280 ^{+.000} _{-.015}						.465±.003						1.088						1					
10-597878-89()						10-597879-89()						.732±.005						.950±.005						1.573						1					
NOTES: SEE SHEET 1						THE USE OF THIS DOCUMENT IS UNLIMITED. HOWEVER, DOCUMENTS REFERENCED HEREON MAY CONTAIN LIMITED RIGHTS DATA.						SCALE: 10.0						REF: 10-597872-451						SHEET 4 OF 4						REV. G					
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