

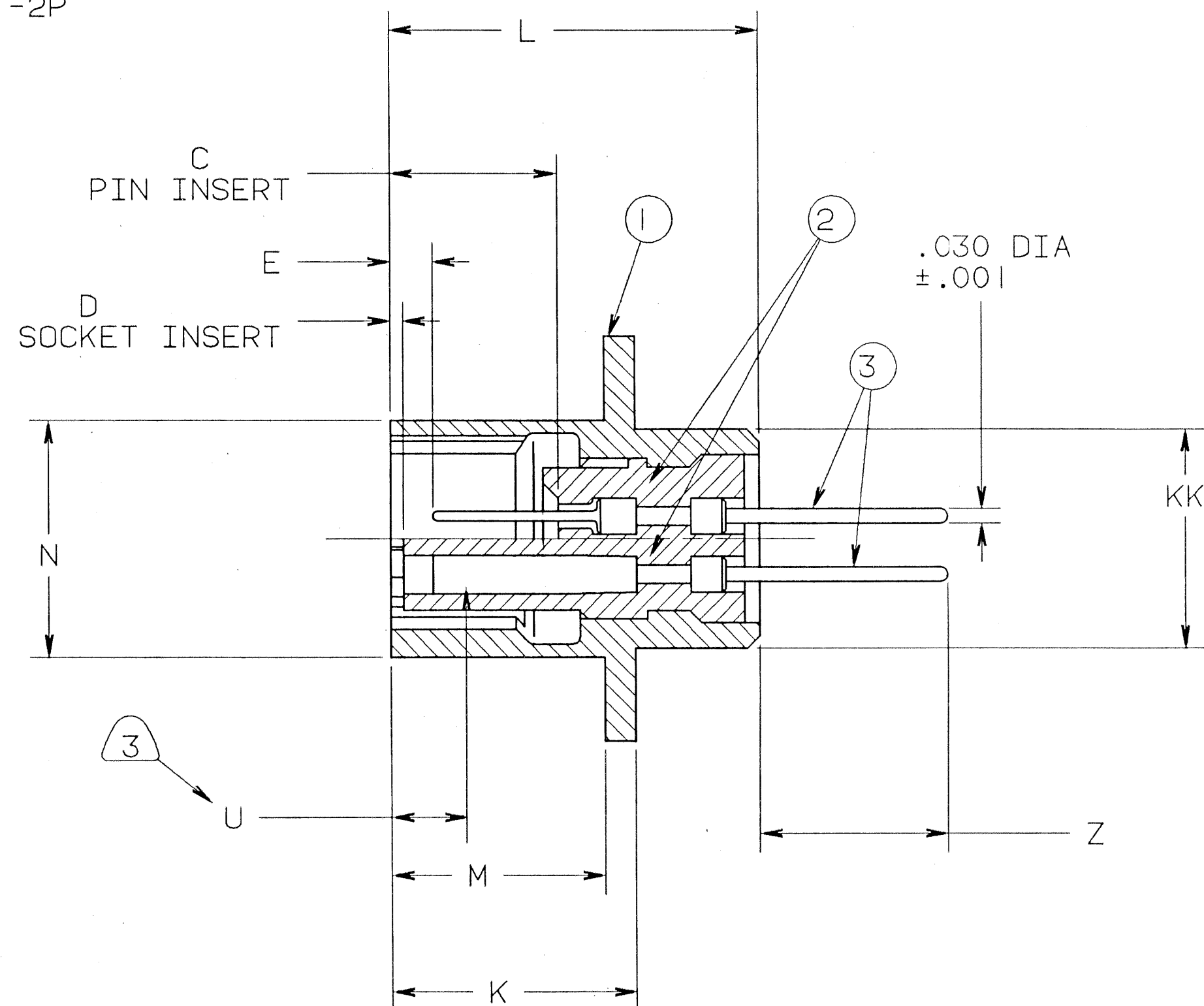
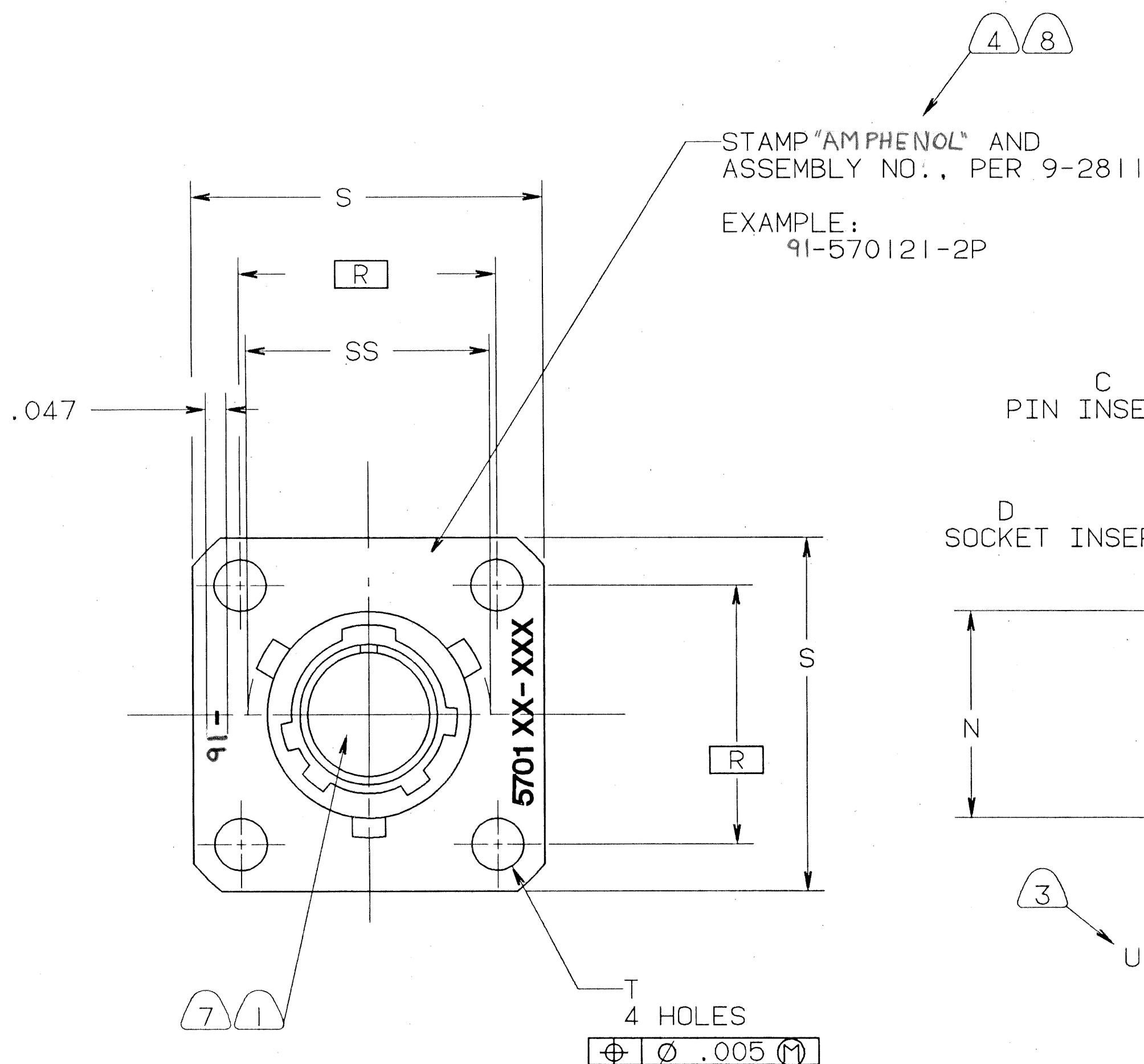
4

3

2

1

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE NUMBER 70098-429		
	B	(CL II) REPLACED 10-497513-01D WITH 10-664164-ADD ECN: A3458	1/14/08 BROOKER	



SEE SHEET 2.

NOTES:

THE USE OF THIS DOCUMENT IS UNLIMITED.
HOWEVER, DOCUMENTS REFERENCED HEREON
MAY CONTAIN LIMITED RIGHTS DATA.

N/A
N/A
NEXT ASSEMBLY

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

3	SEE NOTE 9	SEE CONTACT CHART	CONTACT	9	
2	I		10-252806/824-()	INSERT	9
1	I		10-150902-XXH	SHELL	
FIND NO.	QTY REQD.	FSCM NO.	PART NUMBER	DESCRIPTION	NOT REF
PARTS LIST					
SPECIFICATIONS		SIGNATURES	DATES	AMPHENOL CORPORATION	
MATERIAL SPEC.		PREPARED		AEROSPACE OPERATIONS	
N/A		R. BARNES	11/25/98	SIDNEY, N.Y.	
		CHECKED		RECEPTACLE, ELECTRICAL CONNECTOR,	
		Free Mott	11/30/98	TYPE PT-A()FB,	
		MATERIAL		NICKEL PLATED (ELECTROLESS)	
		N/A RB	11/25/98		
PROCESS SPEC.		APPROVED			
SEE NOTE 10.		R. Barnes	11/30/98		
		APPROVED			
		R. Barnes	11/30/98		
		1ST PART NO.			
		SIZE	FSCM NO.	REV.	
		C	77820	B	
		SCALE	WT.	REF	
		NONE		71-146206/50	
				SHEET 1 OF 2	

UNLESS OTHERWISE SPECIFIED

000000001

01800

TAB.

4

3

2

1

ASSEMBLY NUMBER	PT NO. REF	C	D	E	K	L	M	N	R	S	T DIA	U MAX	Z	SS DIA	KK DIA
		+ .010 - .025	+ .010 - .025	+ .010 - .020	+ .021 - .010	+ .031	+ .010 - .000	+ .001 - .005		+ .011 - .010	+ .005		+ .040 - .050	+ .000 - .016	+ .011 - .000
91-570120-()	02A- 6-()	.337	.025	.085	.493	.743	.431	.348	.469	.688	.120	.153	.380	.439	.312
91-570121-()	- 8-()							.473	.594	.812				.563	.438
91-570122-()	-10-()							.590	.719	.938				.680	.562
91-570123-()	-12-()							.750	.812	1.031				.859	.688
91-570124-()	-14-()							.875	.906	1.125				.984	.812
91-570125-()	-16-()							1.000	.969	1.219				1.108	.938
91-570126-()	-18-()							1.125	1.062	1.312				1.233	1.062
91-570127-()	-20-()	.399	.087	.147	.650	.994	.556	1.250	1.156	1.438		.215	.286	1.358	1.188
91-570128-()	-22-()				.650	.994	.556	1.375	1.250	1.562			.286	1.483	1.312
91-570129-()	-24-()				.683	1.027	.589	1.500	1.375	1.688	.147		.253	1.610	1.438

5

10. PROCESS SPEC:
TEST 9-3353-8
ASSY 9-3443-6

9-2811, 9-2437-1

- SEE SEPARATE PARTS LIST FOR COMPONENT PART NUMBERS AND QUANTITIES.
- SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
- FOR CONTACT ARRANGEMENTS, SEE L-15206/50.
- UNITS ILLUSTRATED MEET THE APPLICABLE REQUIREMENTS OF MIL-C-26482.
- FOR COMPLETE ASSEMBLY NO. & PT NO. REF, ADD APPLICABLE INSERT ARRANGEMENT SUFFIX TO BASE NUMBERS LISTED ABOVE PER 9-2437-1.
- STAMPING MAY BE ON EITHER SIDE OF FLANGE (ONE SIDE ONLY).
- DISTANCE BETWEEN END OF SHELL & THE POINT AT WHICH A GAGE PIN, HAVING THE SAME BASIC DIAMETER AS THE MATING CONTACT & A SQUARE FACE, ENGAGES SOCKET CONTACT SPRING.
- SEE DRAWING 91-146606/50 FOR REQUIRED MATING PLUG ASSEMBLIES.
- INSERTS & CONTACTS MUST NOT BE REMOVED.

NOTES:

CONTACTS	
16S PIN	10-247920-161
16S SOCKET	10-247922-161
16L PIN	10-247924-161
16L SOCKET	10-247926-161
20S PIN	10-497512-1D
20S SOCKET	SEE NOTE 9
20L PIN	10-497534-1D
20L SOCKET	10-597859 -A55

SIZE	FSCM NO.	REV.
C	77820	B
SCALE	WT.	SHEET
		2