

17/1/91 15:18 * 91011 15:13 * PRELISE * 10-169658/690 * 002

D

C

B

A

4

3

2

1

ASSEMBLY NUMBER	MS NO.	CLAMP BAR (2 REQ'D)	SCREW (2 REQ'D)	SHELL	COUPLING NUT	B. THREAD CLASS 2B	C +.047 -.000	G MAX	H ±.005	J DIA MAX	L MAX	Z MAX
10-169658-()	NOT AVAILABLE											
10-169660-()	NOT AVAILABLE											
10-169661-()	3106E10SL-()	10-825942-176	10-816107	10-113488-11	(SHELL ASSY)	.6250-24UNEF	.531	.896	.531	.946	2.129	.607
10-169662-()	3106E12S-()	-176		10-37266-12	10-37265-12	.7500-20UNEF	.531	.896	.531	.995	2.129	.607
10-169663-()	3106E12-()	-176		-13	-13	.7500-20UNEF	.719	.896	.719	.995	2.129	.857
10-169664-()	3106E14S-()	-177		-14	-14	.8750-20UNEF	.531	1.021	.531	1.123	2.201	.607
10-169665-()	3106E14-()	-177		-15	-15	.8750-20UNEF	.719	1.021	.719	1.123	2.524	.857
10-169666-()	3106E16S-()	-178	10-816108	-16	-16	1.0000-20UNEF	.531	1.151	.531	1.250	2.201	.607
10-169667-()	3106E16-()	-178	10-816108	-17	-17	1.0000-20UNEF	.719	1.151	.719	1.250	2.524	.857
10-169668-()	3106E18-()	-179	10-101152-123	-18	-18	1.1250-18UNEF		1.242		1.333	2.596	
10-169670-()	3106E20-()	-180	10-101151-143	-20	-20	1.2500-18UNEF		1.499		1.461	2.654	
10-169672-()	3106E22-()	-180	10-101151-143	-22	-22	1.3750-18UNEF		1.499		1.588	2.654	
10-169674-()	3106E24-()	-181	10-101151-183	-24	-24	1.5000-18UNEF		1.781		1.715	2.885	
10-169678-()	3106E28-()	-181	10-101151-183	-28	-28	1.7500-18UNS		1.781		1.968	2.885	
10-169682-()	3106E32-()	-182	10-816124-2	-32	-32	2.0000-18UNS		2.087		2.209	2.943	
10-169686-()	3106E36-()	-183	10-816124-2	-36	-36	2.2500-16UN		2.281		2.463	2.943	
10-169690-()	3106E40-()	10-130511-343	10-130512-223	-40	-40	2.5000-16UN		2.581		2.718	3.068	

5

SOLDER WELL DATA						THERMOCOUPLE	
CONTACT SIZE	0	4	8	12	16	12	16
WELL DIA	.469 $\pm$.005 -.003	.332 $\pm$.005 -.003	.209 $\pm$.004 -.002	.116 $\pm$.004 -.002	.078 $\pm$.004 -.002	.125 $\pm$.004 -.002	.094 $\pm$.004 -.002
WELL DEPTH $\pm$.031 -.000	.625	.625	.500	.375	.250	.250	.188

8. PACKAGE PER PRODUCTION PROCESS SHEET.

7. FOR SIZE "0" CONTACT ONLY, INCREASE Z DIMENSION BY .312 FOR SHELL SIZES 8 THRU 40.

6. UNITS MEET THE REQUIREMENTS OF MIL-C-5015.

5. TO COMPLETE, ADD APPLICABLE INSERT ARRANGEMENT SUFFIX PER 9-2437.

4. FOR MATING CONNECTOR ASSEMBLIES, SEE DRAWING 10-169058/090 AND OTHERS.

3. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.

2. SEE SEPARATE PARTS LIST FOR COMPONENT PART NUMBERS AND QUANTITIES.

1. FOR CONTACT SIZE, SPACING AND SERVICE RATING, SEE MIL-STD-1651.

12. ALL UNUSED GROMMET HOLES MUST BE FILLED SEALING PLUGS.

11. ALL LOCKWIRE HOLES ARE .045 DIA MIN.

10. PROCESS SPEC:
ASSY 9-3103-1
TEST 9-3106-5
9-2437, 9-3856-5, 9-3895

9. INSERTS AND CONTACTS ARE REMOVABLE.

THERMOCOUPLE	
MATERIAL	IDENTIFICATION
CHROMEL	WHITE
ALUMEL	GREEN
IRON	BLACK
CONSTANTAN	YELLOW

NOTES:

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COMPUTER GENERATED DRAWING

SIZE C

FSCM NO. 77820

SCALE NONE

WT.

REF N/A

SHEET 2

REV. A

10-169658/690

TAB.