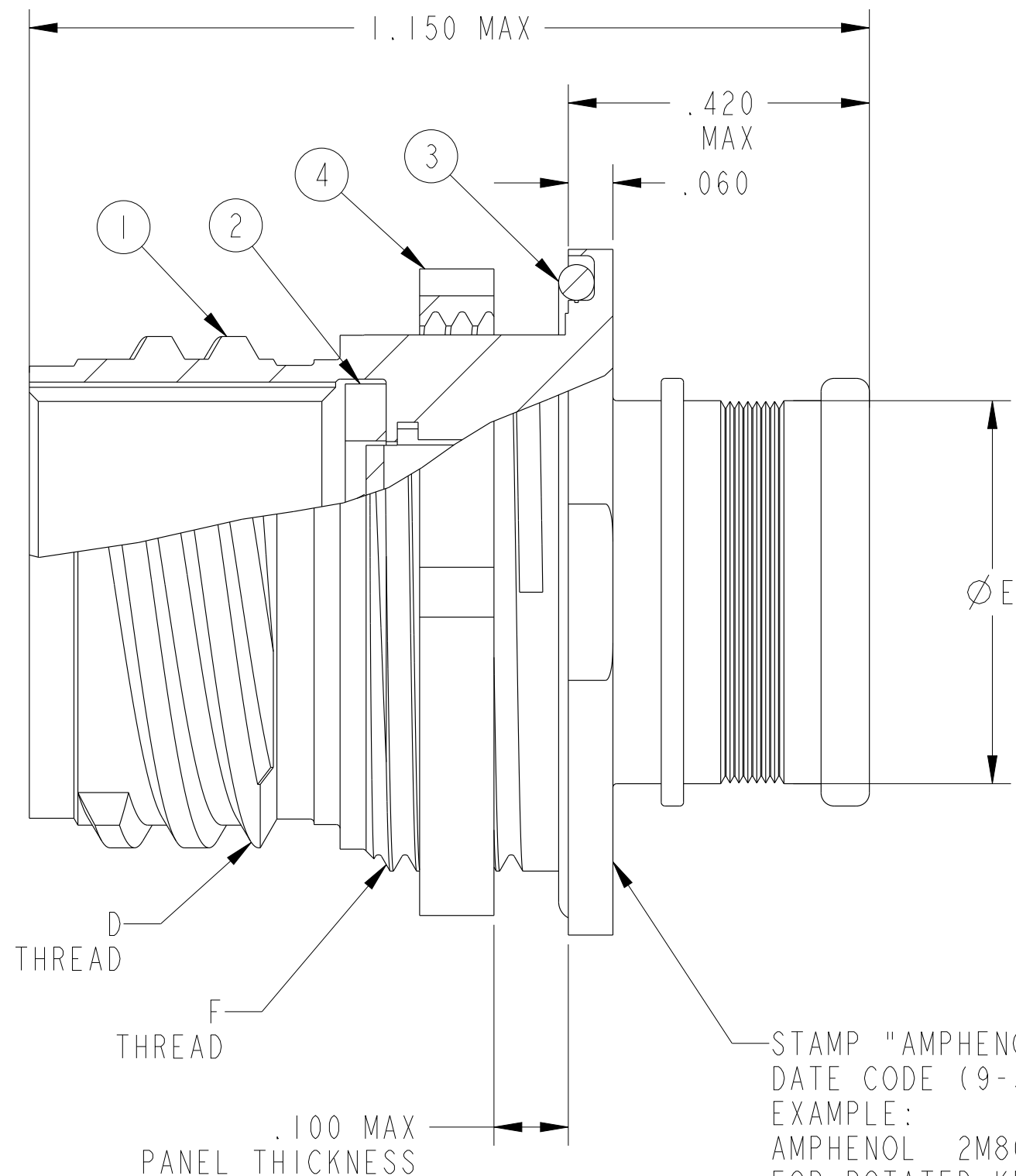


B

-STAMP "AMPHENOL", CODED NO, (10) (11)
 DATE CODE (9-3895) & LOT NO. PER 9-5788
 EXAMPLE:
 AMPHENOL 2M805-003-07NF18-55PA 1121 99999
 FOR ROTATED KEYWAYS
 EXAMPLE:
 AMPHENOL 2M805-003-07NF18-55PB 1121 99999

SECTION A-A

NOTES: SEE SHEET 4

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N / A	
	NEXT ASSEMBLY

PRO/ENGINEER INFORMATION
Pro/e Model Used: 10-678320_323-B.PART
Drawing Name: FX-678720-729

UNLESS OTHERWISE SPECIFIED	SPECIFICATIONS
LINEAR DIMENSIONS ARE IN INCHES TOLERANCES: .XXXX = $\pm .0005$ ANGLES= $\pm 2^\circ$.XXX = $\pm .010$.XX = $\pm .03$.X = $\pm .1$	MATERIAL SPEC.
-----	N/A
DIM. & TOL. PER ASME Y14.5M; DRM PER MIL-DTL-31000; OTHER Amphenol Sids. PER 9-3800	PROCESS SPEC.
LEADS: =FLAG NOTE CALL OUT REFERENCE ONLY	SEE NOTE 7

APPROVALS		DATE
PREPARED BY	PCOLE	15-Dec-11
ENGINEER IN CHARGE	RBARNES	
DESIGN MANAGER	RSELFRIED	
DESIGN ACTIVITY GROUP	MIL-AERO-DEVELOP	
THIRD ANGLE PROJECTION		

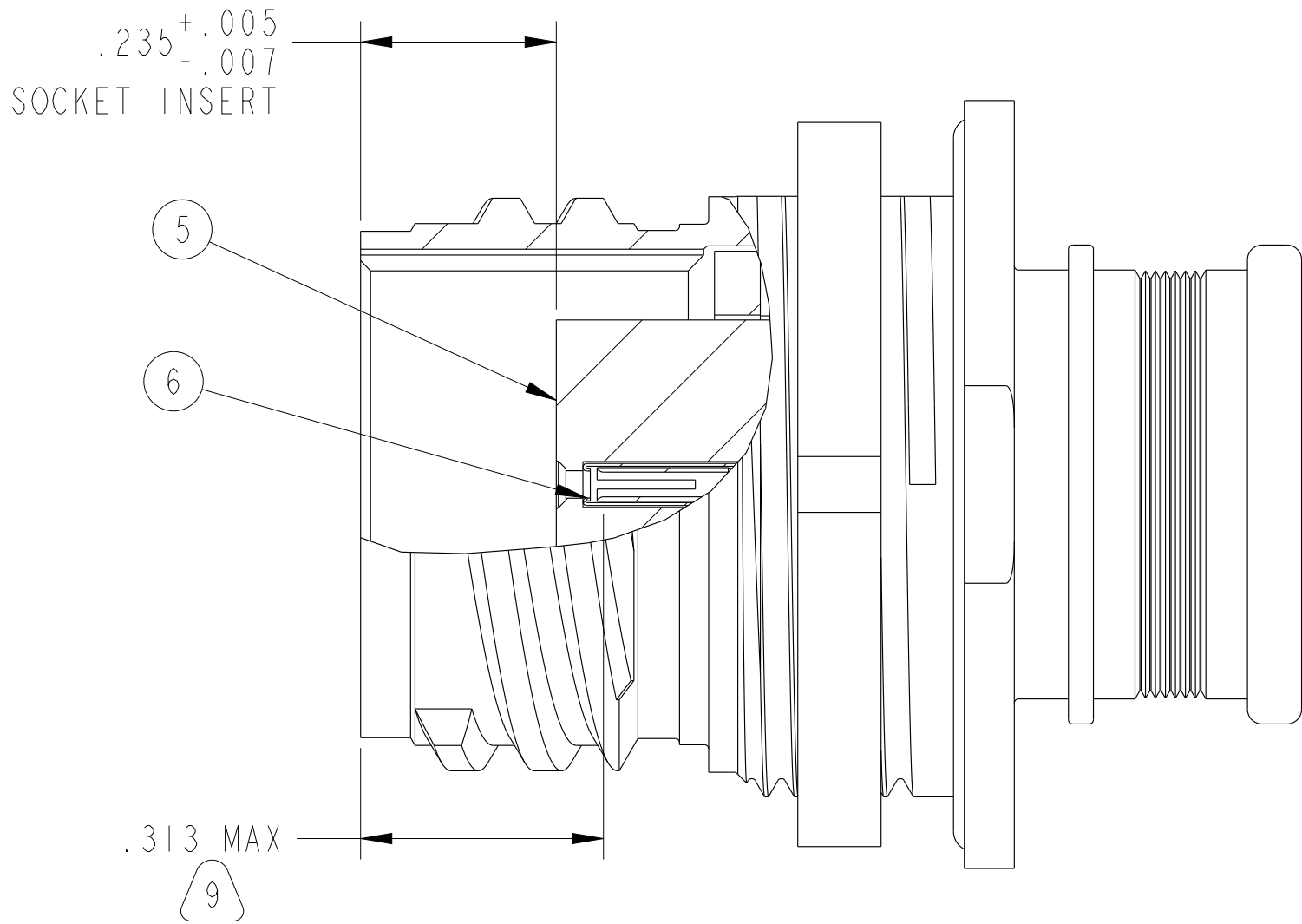
PARTS LIST			
AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13838			
RECEPTACLE, BANDED ELECTRICAL CONNECTOR, 2M805-003-07()-()			
SIZE C	GAGE CODE 77820	DOCUMENT NO. FX-678720/729	REV. E
SCALE: 5.0		REF. FX-678700/709	SHEET 1 OF 4

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MAY CONTAIN LIMITED RIGHTS DATA.

DOCUMENT NO.
FX-678720/729

SHEET 2 OF 4

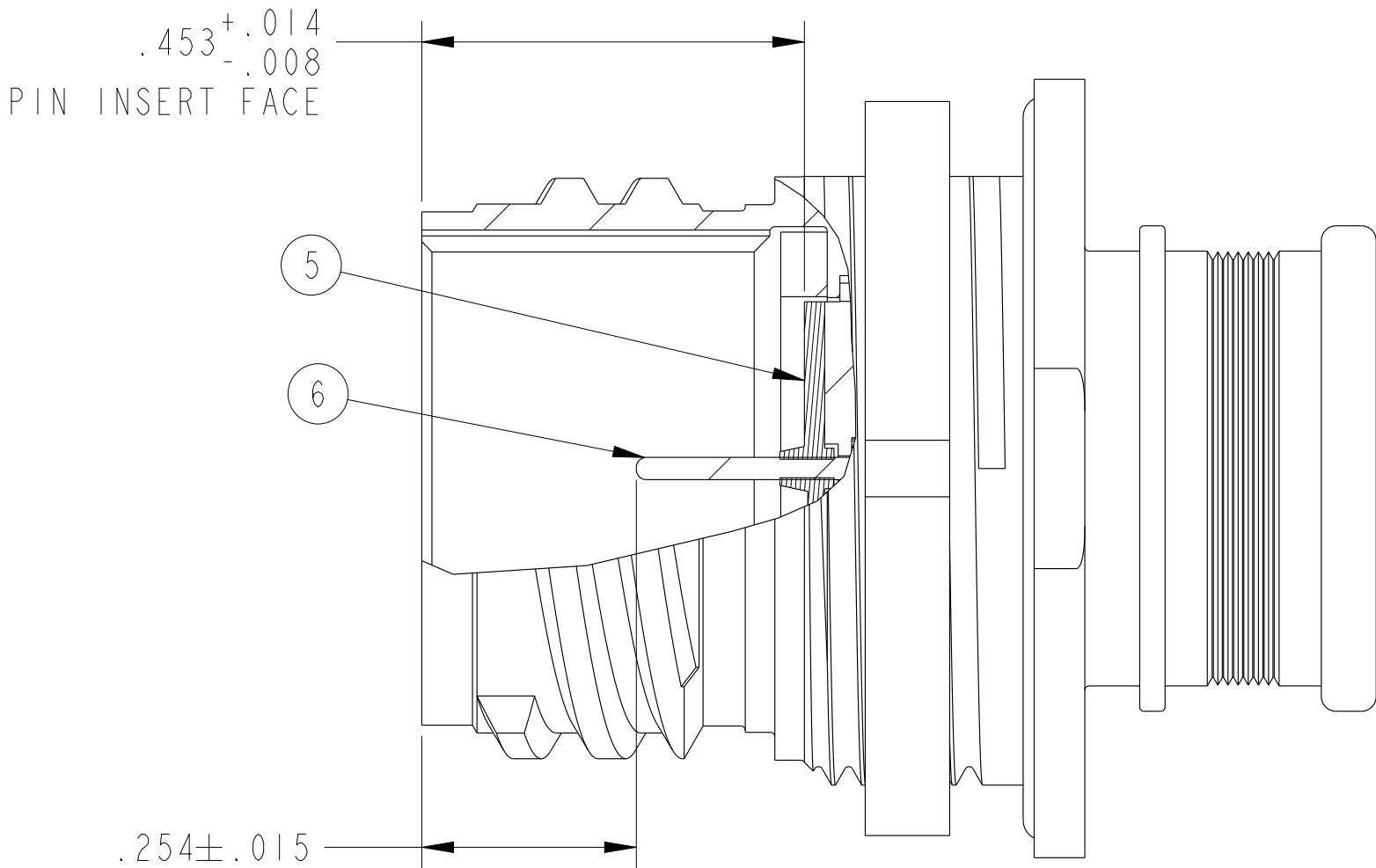
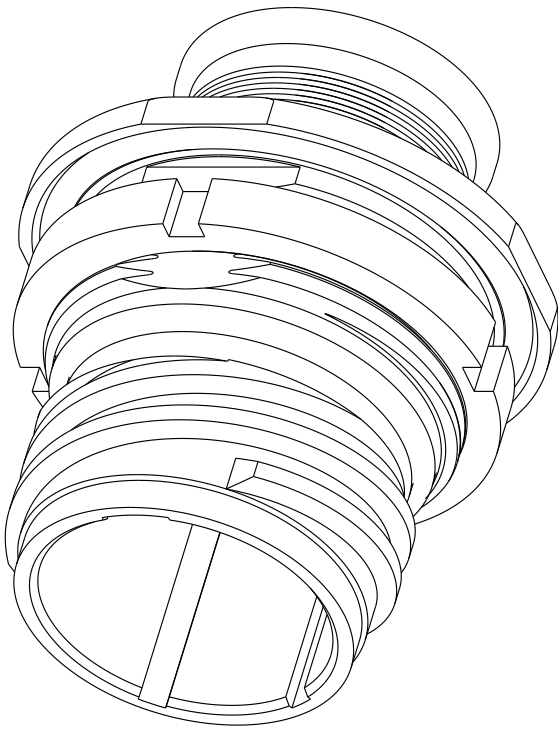
REV.
E



SECTION A-A

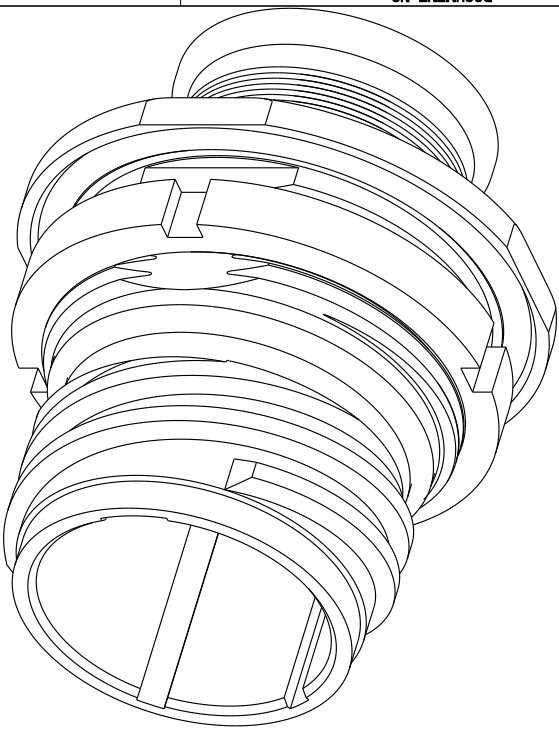
NOTES: SEE SHEET 4

FRONT ISOMETRIC VIEW
(SOCKET VERSION SHOWN)
SCALE 3



SECTION A-A

FRONT ISOMETRIC VIEW
(PIN VERSION SHOWN)
SCALE 3



SIZE	CAGE CODE	DOCUMENT NO.	REV.
C	77820	FX-678720/729	E
SCALE: 2.0		REF: FX-678700/709	SHEET 2 OF 4

4

3

2

FX-678720/729

SHEET 3 OF 4

REV. E

DOCUMENT NO. 6ZL/0ZL8/9-X-678720/729

REV. E

PART NUMBER	CODED NUMBER 2M805-003	JAM NUT	PACKING (POS 3)	ØA	B FLAT	C FLAT	D THREAD CLASS 2A PER 9-3200-2	ØE	F THREAD
FX-678720-(())	-07(()8-(())	FX-696681-008	10-247918-254	.760	.535	.730	.5000-0.1P-0.3L-TS-2A	.317	.5625-28 UNEF-2A
FX-678721-(())	-07(()9-(())	FX-696681-010	10-247918-256	.880	.661	.850	.5625-0.1P-0.3L-TS-2A	.397	.6875-28 UN-2A
FX-678722-(())	-07(())10-(())	FX-696681-010	10-247918-256	.880	.661	.850	.6250-0.1P-0.3L-TS-2A	.473	.6875-28 UN-2A
FX-678723-(())	-07(())11-(())	FX-696681-011	10-247918-257	.955	.721	.925	.6875-0.1P-0.3L-TS-2A	.519	.7500-28 UN-2A
FX-678724-(())	-07(())12-(())	FX-696681-012	10-247918-251	1.065	.784	1.039	.7500-0.1P-0.3L-TS-2A	.585	.8125-28 UN-2A
FX-678725-(())	-07(())15-(())	FX-696681-014	10-247918-258	1.203	.970	1.173	.9375-0.1P-0.3L-TS-2A	.687	1.0000-28 UN-2A
FX-678726-(())	-07(())18-(())	FX-696681-017	10-247918-253	1.395	1.150	1.359	1.1250-0.1P-0.3L-TS-2A	.884	1.1875-28 UN-2A
FX-678727-(())	-07(())19-(())	FX-696681-018	10-247918-261	1.450	1.221	1.420	1.1875-0.1P-0.3L-TS-2A	.884	1.2500-28 UN-2A
FX-678728-(())	-07(())23-(())	FX-696681-020	10-247918-262	1.705	1.470	1.678	1.4375-0.1P-0.3L-TS-2A	1.135	1.5000-28 UN-2A
FX-678729-(())	NOT AVAILABLE								

SEE FINISH DATA TABLE

1

2

FINISH DATA		
PLATING CODE	FINISH	COMPONENT PREFIX
NF	THICK OD CADMIUM NICKEL BASE	F9-
ZNU	BLACK ZINC NICKEL	F2-
M	THICK ELECTROLESS NICKEL	FH-
MT	DURMALON 13	F7-
BEN	BLACK ELECTROLESS NICKEL	FJ-
ZN	GREEN ZINC NICKEL	F4-

SHELL KEY POSITIONS 2

	AB°	AC°
A	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°
E	75°	275°
F	95°	210°

SEE SHEET 4.

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DOCUMENT NO. FX-678720/729

SHEET 3 OF 4

REV. E

SIZE C

CAGE CODE 77820

DOCUMENT NO. FX-678720/729

REV. E

SCALE: 2.0

REF: FX-678700/709

SHEET 3 OF 4

DOCUMENT NO. FX-678720/729

SHEET 3 OF 4

REV. E

0

E

Eng. PDM Information
For Reference Only

4

3

2

1

4		3		2		FX-678720/729 DOCUMENT NO. REV. E		SHEET 4 OF 4													
FX-678720/729 DOCUMENT NO.		SHEET 4 OF 4		REV. E		C		B		A		FX-678720/729 DOCUMENT NO.		SHEET 4 OF 4		REV. E		0 REVISION E		Eng. PDM Information For Reference Only	
13. PRIOR TO INK STAMPING (DURMALON ONLY), PLASMA TREAT PER 9-7015 USING ARGON GAS. 12. REFER TO ASSEMBLY INSTRUCTIONS FOR EPOXY FILM (POS 7) PLACEMENT. 11. CONNECTOR CODE LOGIC 2M805-003-07NF18-55PA PREFIX THREADED SHELL SHELL STYLE SHELL FINISH SHELL KEY POSITION CONTACT TYPE INSERT ARRANGEMENT SHELL SIZE 10. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING. 9. DISTANCE FROM END OF SHELL TO THE POINT AT WHICH A GAGE PIN HAVING THE SAME BASIC DIAMETER AS THE MATING CONTACT AND A SQUARE FACE, ENGAGES SOCKET CONTACT SPRING. 8. FOR MATING CONNECTOR, SEE FX-678710/719 AND OTHERS. CONTACTS ARE SHIPPED UNASSEMBLED. 7. PROCESS SPEC: TEST 9-5044-18 ASSY 9-5047-28 9-5788, 9-3200-2, 9-3895, 9-2437-42, 9-7015 SEE NOTE 13 6. PACKAGE PER PRODUCTION PROCESS SHEET. 5. SEE SEPARATE PARTS LIST FOR COMPONENT PART NUMBERS AND QUANTITIES. 4. DRAWING ILLUSTRATES FINAL ASSEMBLY. CONTACT SHIPPED UNASSEMBLED. 3. INSERT ASSEMBLY IS NOT REMOVABLE. 2. ALTERNATE ROTATIONS ARE OBTAINED BY ROTATING INDICATED KEYS. SIX POSITIONS ARE AVAILABLE. SEE 9-2437-42 AND/OR SHELL KEY POSITIONS TABLE. 1. FOR CONTACT ARRANGEMENT PATTERN, SEE DRAWINGS L-21806-M() THRU L-21821-M() ALTERNATE POSITIONS THEREON DO NOT APPLY. NOTES: THE USE OF THIS DOCUMENT IS UNLIMITED. HOWEVER, DOCUMENTS REFERENCED HEREON MAY CONTAIN LIMITED RIGHTS DATA.																					
4		3		2		1		SCALE: 2.0		REF: FX-678700/709		SHEET 4 OF 4		FX-678720/729 DOCUMENT NO.		REV. E		77820 CAGE CODE		FX-678720/729 DOCUMENT NO.	
4		3		2		1		SCALE: 2.0		REF: FX-678700/709		SHEET 4 OF 4		FX-678720/729 DOCUMENT NO.		REV. E		77820 CAGE CODE		FX-678720/729 DOCUMENT NO.	