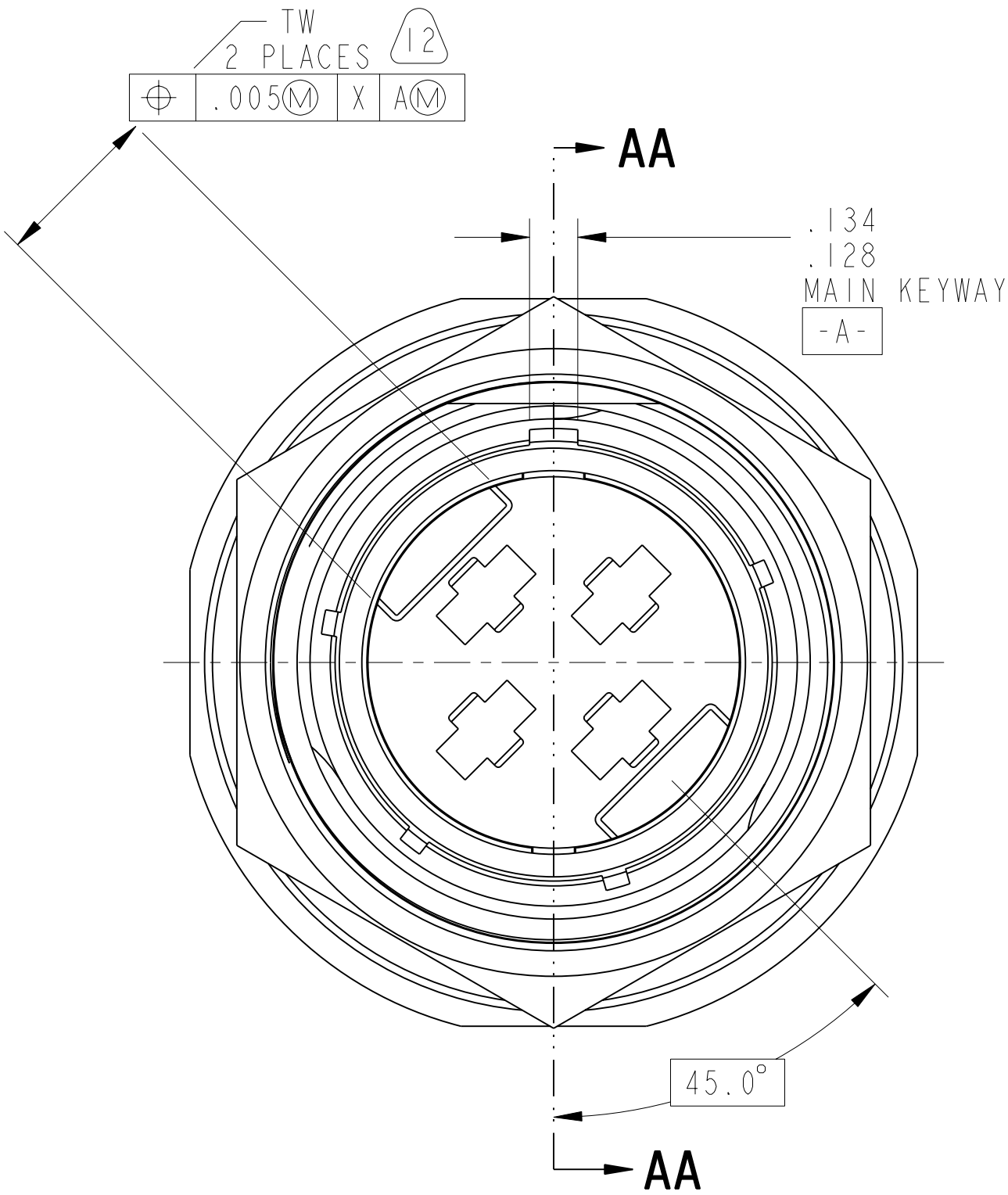
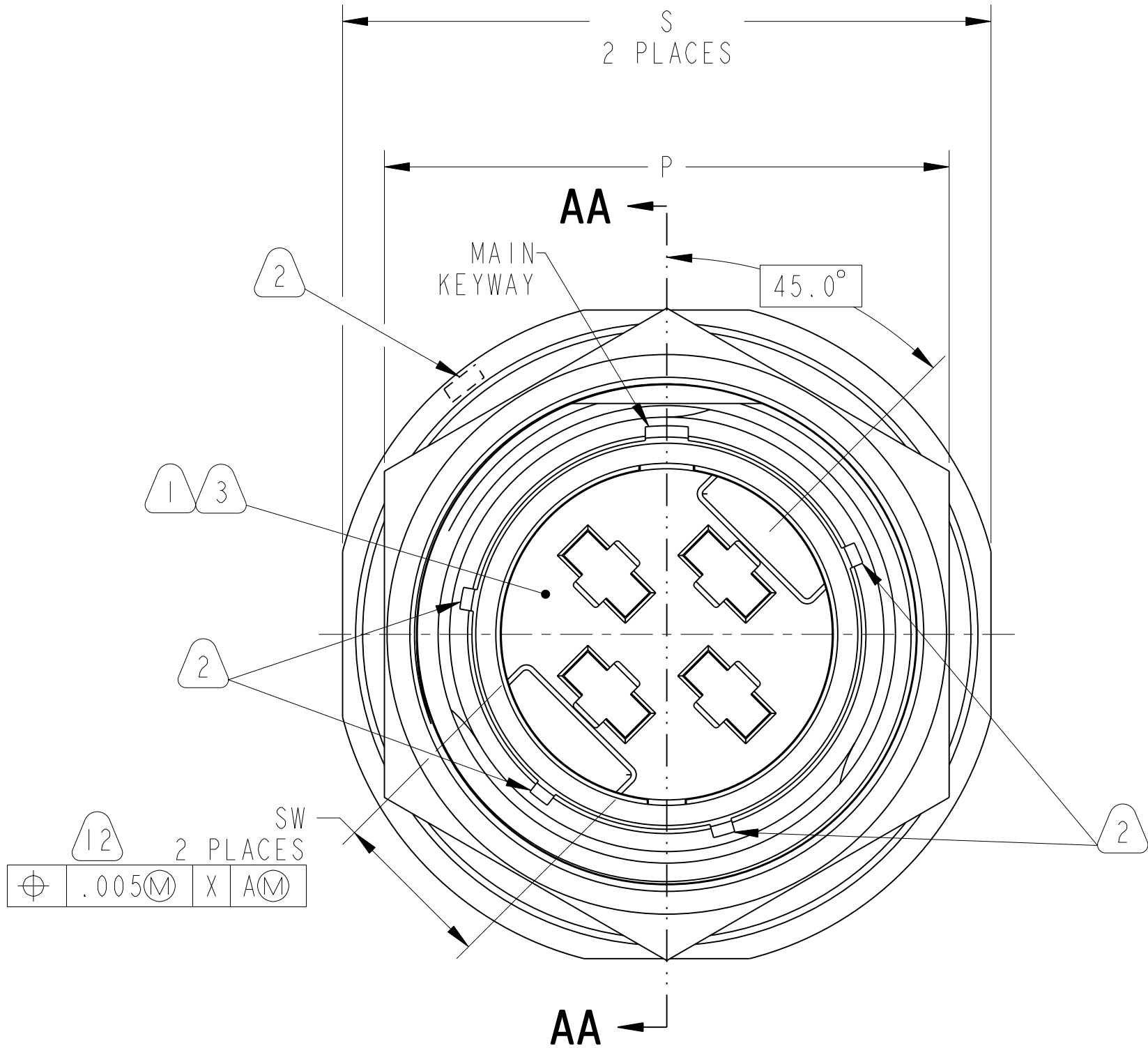


REV.	DESCRIPTION	DATE
C	INITIAL RELEASE	25-Jul-2008
B	(CL. 11) SEE CHANGE NOTICE. ECN: A6237	13-Jul-2012
A	(CL. 11) SEE CHANGE NOTICE. ECN: C7254	12-Jul-2018



FRONT VIEW
(CF-594721-04P SHOWN FOR REF ONLY)
SCALE 2.500



FRONT VIEW
(CF-594721-04S SHOWN FOR REF ONLY)
SCALE 2.500

NOTES: SEE SHEET 3

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NONE

NEXT ASSEMBLY

PRO/ENGINEER INFORMATION
Pro/e Model Used:
CF-594721-04S.ASSEM
Drawing Name:
CF-5947XX-XXX

UNLESS OTHERWISE SPECIFIED

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-STD-31000;
OTHER Amphenol Sds. PER 9-3800
LEGENDS:
=FLAG NOTE CALL OUT
REFERENCE ONLY

SPECIFICATIONS

MATERIAL SPEC.

PROCESS SPEC.

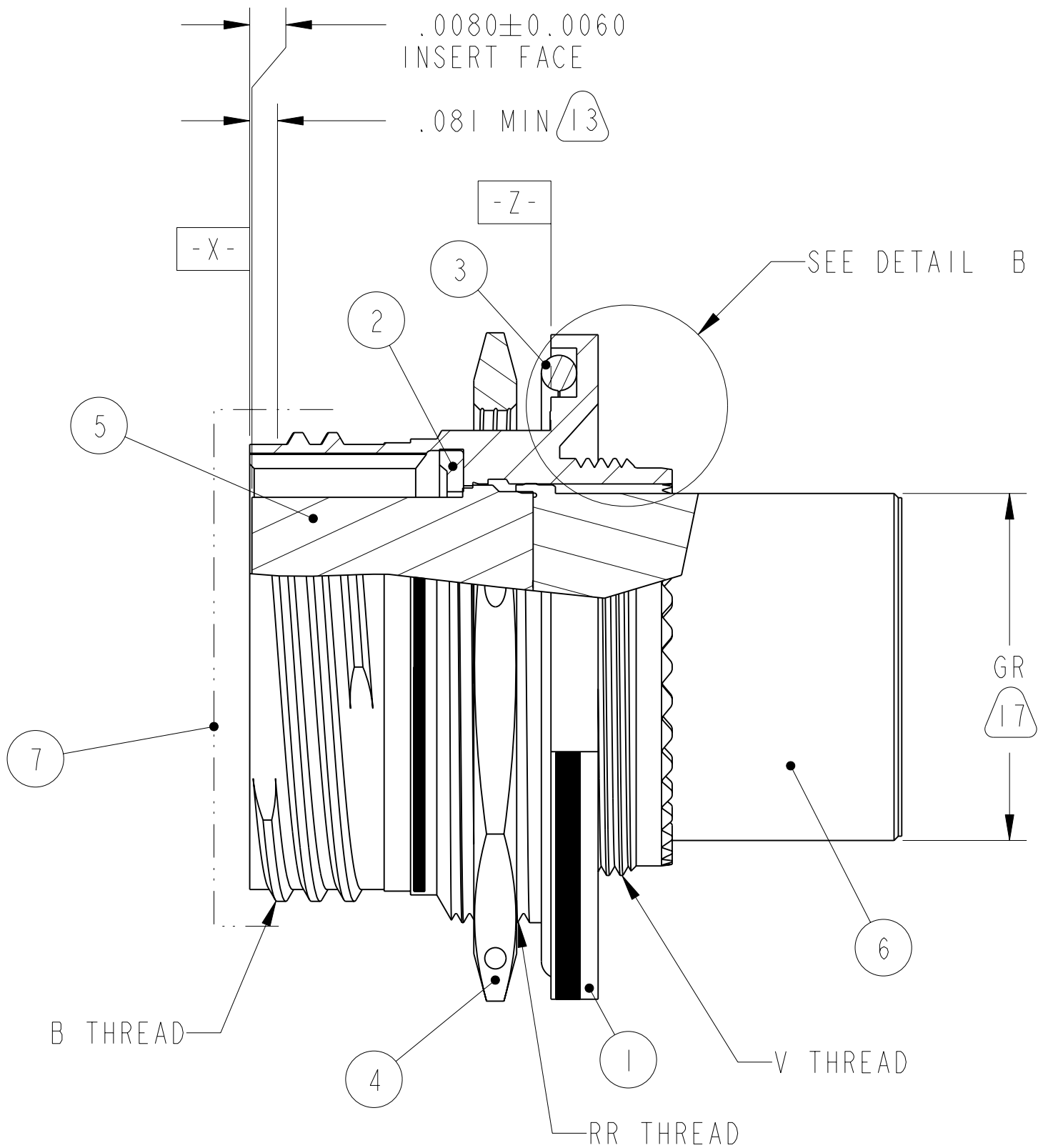
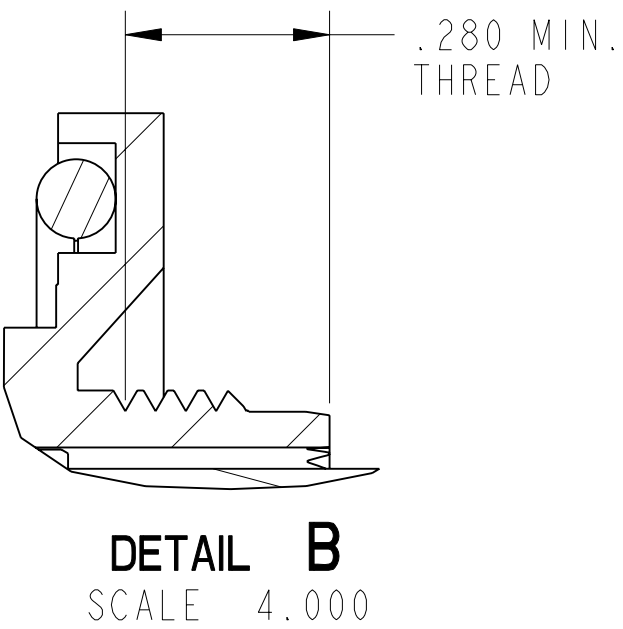
SEE NOTE 7

POS	QTY	PART NUMBER	DESCRIPTION	NOTE
7	1	SEE NOTE 15	CAP, PROTECTION	
6	1	10-646580/589-XX1	GROMMET, PIN	5
		10-646580/589-XX2	GROMMET, SOCKET	
5	1	10-646570/579-XXP	INSERT, PIN	5
		10-646570/579-XXS	INSERT, SOCKET	
4	1	10-538980-XXG	HEX NUT	5
3	1	SEE COLUMN	PACKING	
2	1	10-427499-XX1	GASKET	5
1	1	10-538515/520-XXH	SHELL	5

APPROVALS	DATE	REVISION
PREPARED BY JMIKOLAICYK		
ENGINEER IN CHARGE JMIKOLAICYK	25-Jul-08	
DESIGN MANAGER JINGOLD		
DESIGN ACTIVITY GROUP HIGH TECH		
THIRD ANGLE PROJECTION		
SIZE C	CAGE CODE 77820	DOCUMENT NO. CF-5947XX-XXX
SCALE: 2.5	REF. CF-69W0XX-XXX	SHEET 1 OF 3

AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, N.Y. 13858

CONNECTOR, FIBER OPTIC RECPT.,
TYPE TV07RF,
ELECTROLESS NICKEL



PARTIAL SECTION AA-AA
(SOCKET CONNECTOR SHOWN)
SCALE 2.500

SIZE C	CAGE CODE 77820	DOCUMENT NO. CF-5947XX-XXX	REV. C
SCALE: 5.0		REF: CF-69W0XX-XXX	SHEET 2 OF 3

D

C

7

C

Eng PDM Information
For Reference Only

REV.

SHEET 2 OF 3

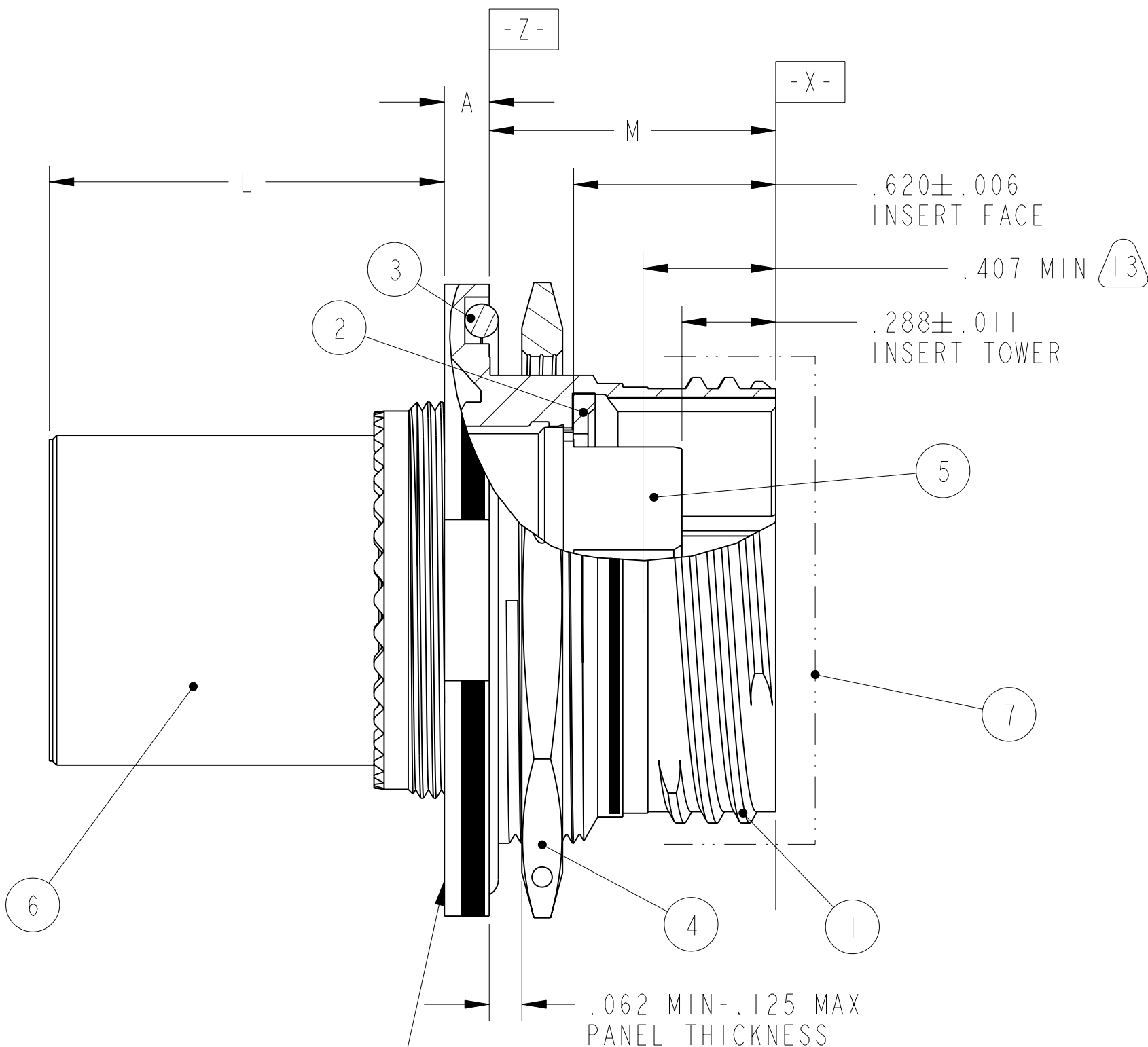
CF-5947XX-XXX

DOCUMENT NO.

3

2

4



PARTIAL SECTION AA-AA
(PIN CONNECTOR SHOWN)
SCALE 2.500

STAMP "AMPHENOL" PART NUMBER & DATE
CODE (9-3895) PER 9-5788.
EXAMPLE:
AMPHENOL CF-594711-01P 0536
EXAMPLE: (ROTATED KEYWAYS)
AMPHENOL CF-594711-01K 0536

NOTES: SEE SHEET 3

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4

2

1

PART NUMBER TABLE

PART NUMBER	B THREAD (PLATED) PER 9-3200-2 CLASS 2A	PACKING	A +.010 -.005	L MAX	M ±.005	RR THREAD (PLATED) 9-7543		P HEX +.017 -.016	S +.011 -.010	V THREAD (PLATED) PER 9-7543	Ø GR MAX 	SW ±.003	TW ±.003
						SIZE	MOD MAJOR Ø						
CF-594709-()	SEE INDIVIDUAL DRAWING - CF-594709-01P												
CF-594711-()	.7500-0.1P-0.3L-TS	10-247918-022	.104	1.355	.871	M20X1-6g 0.100R	-	1.000	1.250	M15X1-6g 0.100R	.423	.202	.196
CF-594713-()	NOT CURRENTLY AVAILABLE												
CF-594715-()	NOT CURRENTLY AVAILABLE												
CF-594717-()	NOT CURRENTLY AVAILABLE												
CF-594719-()	NOT CURRENTLY AVAILABLE												
CF-594721-()	1.3750-0.1P-0.3L-TS	10-247918-130	.135	1.360	.878	M38X1-6g 0.100R	-	1.688	1.938	M31X1-6g 0.100R	1.018	.452	.446
CF-594723-()	NOT CURRENTLY AVAILABLE												
CF-594725-()	NOT CURRENTLY AVAILABLE												

-TO COMPLETE PART NUMBER,
ADD INSERT ARRANGEMENT SUFFIX
PER 9-2437-25

9. CONTACTS USE FRONT RELEASE/REAR REMOVAL CONTACT RETENTION SYSTEM.

8. FOR MATING CONNECTOR, SEE CF-6996XX-XXX AND OTHERS.

7. PROCESS SPEC:
 ASSY 9-5047-4, USE METHOD C, METAL RING STAKING PROCEDURE ONLY.
 ASSY 9-7852 (SEE NOTE 16)
 TEST 9-5044 (TESTS 3B & 3C DO NOT APPLY)
 9-2437-25, 9-5788, 9-3200-2, 9-7543, 9-3895

6. PACKAGE PER PRODUCTION PROCESS SHEET.

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

4. DRAWING ILLUSTRATES FINAL ASSEMBLY. FOR FINAL INSTALLATION, CONTACTS MUST BE ASSEMBLED INTO ALL INSERT HOLES. ALL UNUSED GROMMET HOLES MUST BE FILLED WITH APPROPRIATE SIZE SEALING PLUG. CONNECTORS ARE SHIPPED LESS CONTACTS. CONTACTS AND SEALING PLUGS MUST BE PURCHASED SEPERATELY. FOR CONTACTS, SEE DOCUMENTS CF-198136-XXX & CF-198137-XXX.

3.) INSERT ASSEMBLY IS NOT REMOVABLE.

2. ALTERNATE ROTATIONS ARE OBTAINED BY ROTATING INDICATED KEYWAYS. SIX POSITIONS ARE AVAILABLE. SEE 9-2437-25. MASTER KEYWAY IDENTIFICATION LETTER MAY APPEAR ON SURFACE, EXCEPT FOR NORMAL KEY ROTATION

1. FOR CONTACT ARRANGEMENT PATTERN, SEE L-38709 THRU L-38725.
ONLY ARRANGEMENTS WITH MT CAVITIES APPLY.

NOTES:

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SIZE C	CAGE CODE 77820	DOCUMENT NO. CF-5947XX-XXX	REV. C
SCALE: 1.0		REF: CF-69W0XX-XXX	SHEET 3 OF 3