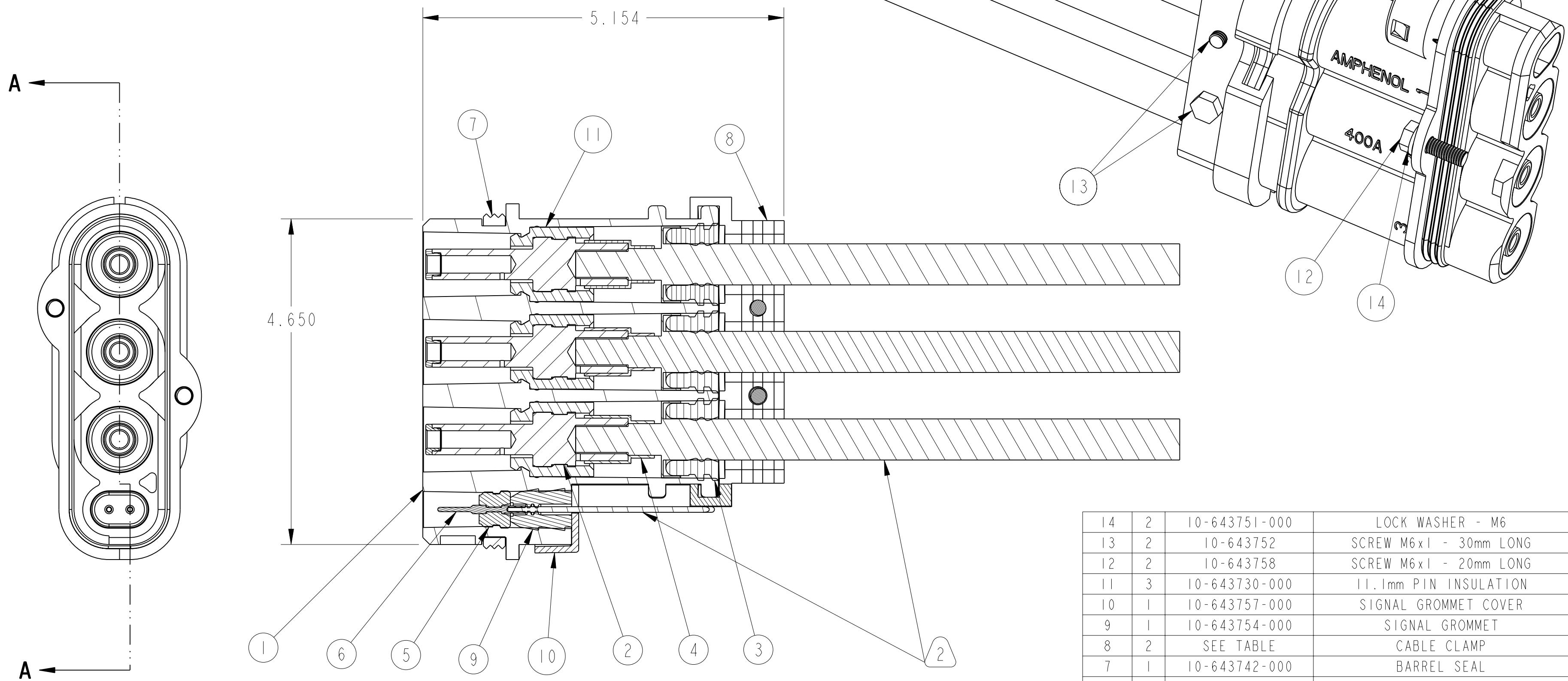


REVISIONS		
LTR	DESCRIPTION	DATE
PA2	ADDED TABLE AND SHEETS	07-19-10
PA3	CHANGES TO TABLE/PART OPTIONS	03-17-11
PA4	UPDATES TO SCREW OPTIONS	07/01/11



- SUFFIX "-001" DICTATES HEX HEAD SCREW AND "-002" FOR SOCKET CAP SCREW
- SHRINK TUBE (ITEM #4) TO BE CUT TO (3) 1.00" LENGTHS. TOTAL LENGTH USED PER ASSEMBLY IS 3.00" OR .25FT
- WIRE TO BE PROVIDED BY CUSTOMER.
- SEE PAGE 3 FOR PLUG ASSEMBLY OPTIONS AND PART NUMBER VARIATIONS.

NOTES:

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

N/A	PRO/ENGINEER INFORMATION
N/A	Pro/e Model Used: 10-643579-ASSEM
	Drawing Name: 10-643579

NEXT ASSEMBLY

UNLESS OTHERWISE SPECIFIED
LINEAR DIMENSIONS ARE IN INCHES
TOLERANCES:
.XXXX = $\pm .0005$ ANGLES = $\pm 2^\circ$
.XXX = $\pm .010$
.XX = $\pm .03$
.X = $\pm .1$
DIM. & TOL. PER ASME Y14.5M;
DRM PER MIL-DTL-31000;
OTHER Amphenol Stds. PER 9-3800
LEGENDS:
=FLAG NOTE CALL OUT
REFERENCE ONLY

SPECIFICATIONS

MATERIAL SPEC.

N/A

PROCESS SPEC.

N/A

POS	QTY	PART NUMBER	DESCRIPTION	NOTE
PARTS LIST				
14	2	10-643751-000	LOCK WASHER - M6	
13	2	10-643752	SCREW M6x1 - 30mm LONG	4
12	2	10-643758	SCREW M6x1 - 20mm LONG	4
11	3	10-643730-000	11.1mm PIN INSULATION	
10	1	10-643757-000	SIGNAL GROMMET COVER	
9	1	10-643754-000	SIGNAL GROMMET	
8	2	SEE TABLE	CABLE CLAMP	1
7	1	10-643742-000	BARREL SEAL	
6	2	10-040557-000	SIGNAL CONTACT, SIZE 16	
5	1	10-643738-000	SIGNAL CONTACT INSERT	
4	SEE NOTE 3	SEE TABLE	HEAT SHRINK TUBING	1/3
3	3	SEE TABLE	POWER CABLE GROMMET	1
2	3	SEE TABLE	11.1mm PIN CONTACT ASSM	1
1	1	SEE TABLE	PLUG SHELL	1

AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, NY. 14838

PLUG ASSEMBLY
400A - ePower
3-PIN

10-643579

PA4

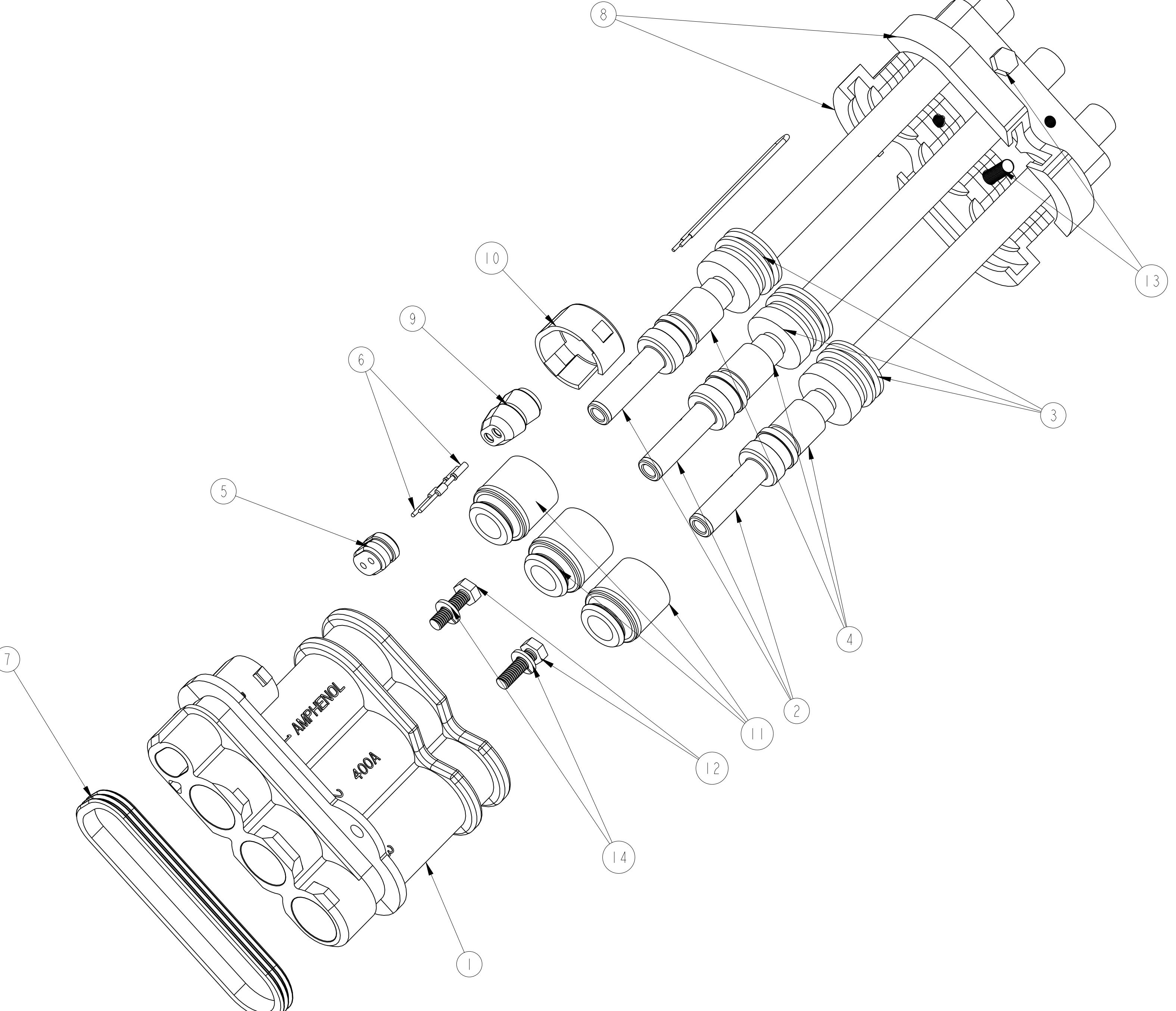
C 77820

REV.

SCALE: 0.9

REF:

SHEET 1 OF 6



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

FORMAT: C-U-E-Rev. B
SIZE C CAGE CODE 77820 DOCUMENT NO. 10-643579 REV. PA4
SCALE: 0.8 RFF: SHEET 2 OF 6

KEY CODING TABLE				WIRE SIZE CODING TABLE						
KEY CODING	KEY POSITION			ITEM #1 * See Finish Coding	WIRE CODING	WIRE SIZE	ITEM #2	ITEM #3	ITEM #4	ITEM #8 * See Finish Coding
	1	2	3							
1	NO KEY WAY	NO KEY WAY	NO KEY WAY	10-643823-01(*)			10-643728-001	10-643729-001	10-643675-006	10-643753-10(*)
2	KEY WAY	NO KEY WAY	NO KEY WAY	10-643823-02(*)						
3	KEY WAY	KEY WAY	NO KEY WAY	10-643823-03(*)						
4	KEY WAY	KEY WAY	KEY WAY	10-643823-04(*)			10-643728-002	10-643729-002	10-643675-007	10-643753-20(*)
5	NO KEY WAY	KEY WAY	NO KEY WAY	10-643823-05(*)						
6	NO KEY WAY	KEY WAY	KEY WAY	10-643823-06(*)						
7	NO KEY WAY	NO KEY WAY	KEY WAY	10-643823-07(*)			10-643728-003	10-643729-003	10-643675-008	10-643753-30(*)
8	KEY WAY	NO KEY WAY	KEY WAY	10-643823-08(*)						

CODE LOGIC

10-643579-()()()

BASE NUMBER

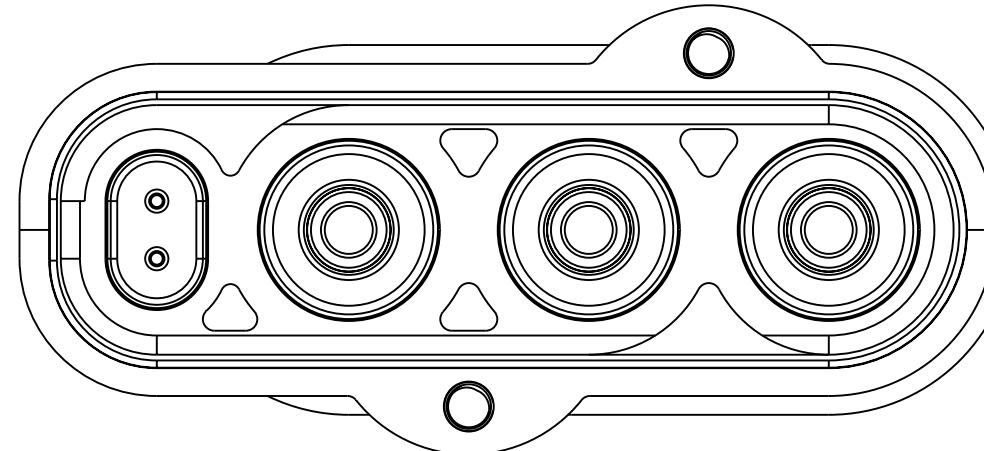
FINISH CODING:
(I) Electroless Nickel Plate
(FG) Bright Tin Over Electroless Nickel
(B) No Plating

KEY CODING:
See Table

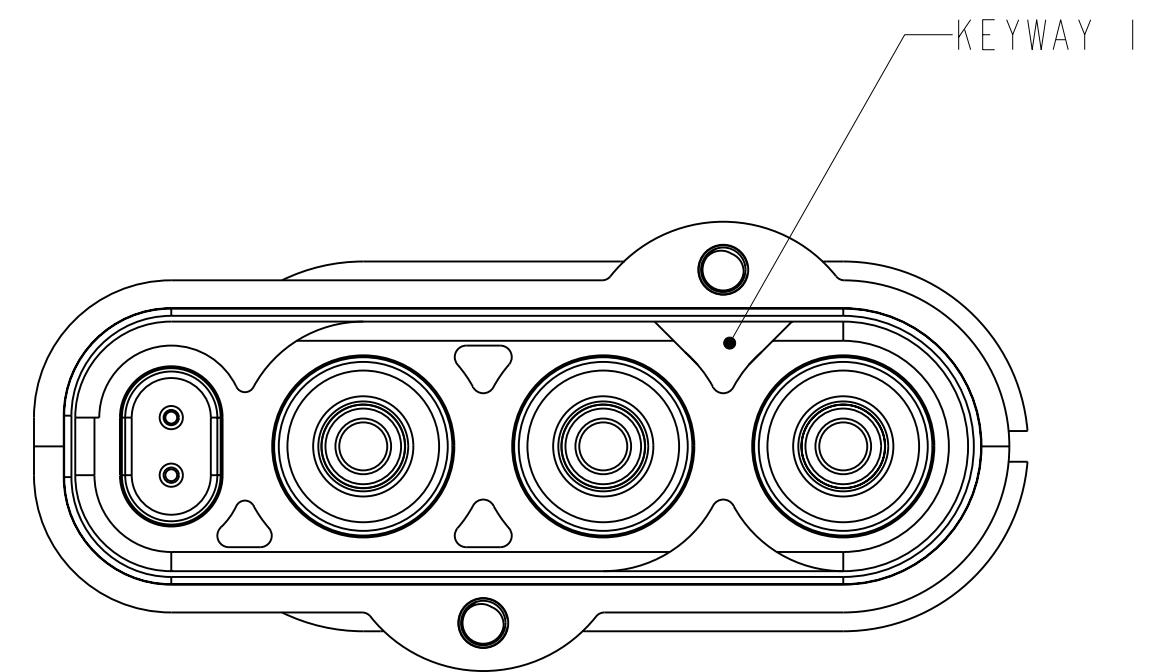
WIRE SIZE CODING:
See Table

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

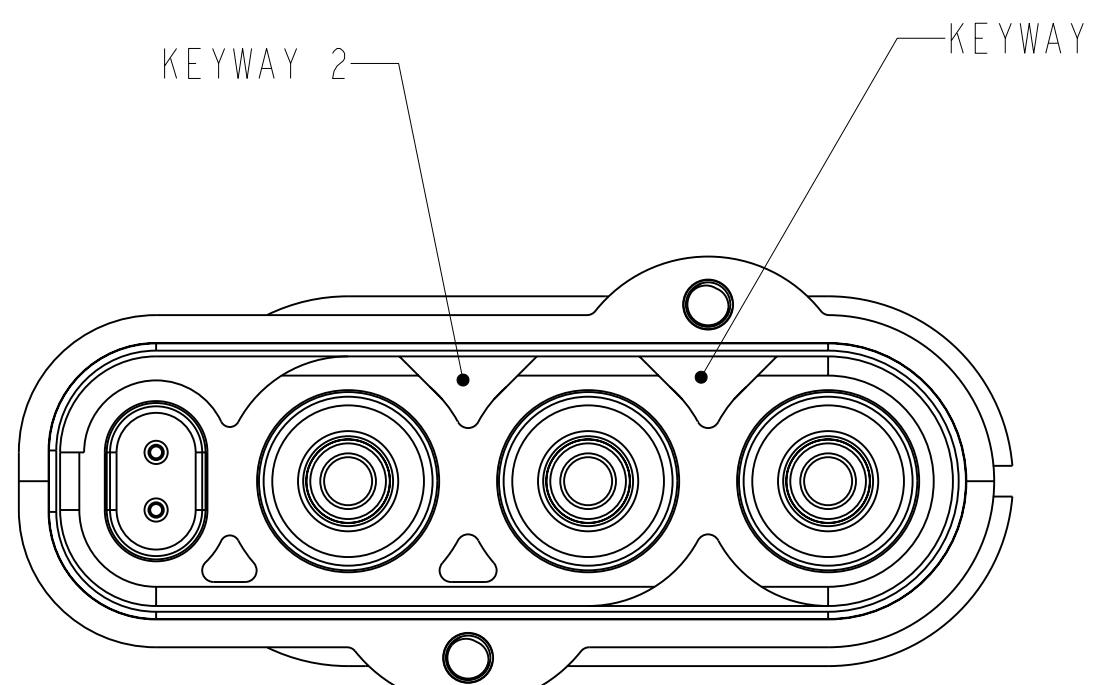
SIZE	CAGE CODE	DOCUMENT NO.	REV.
C	77820	10-643579	PA4
SCALE: 0.9	RFF:	SHEET 3 OF 6	



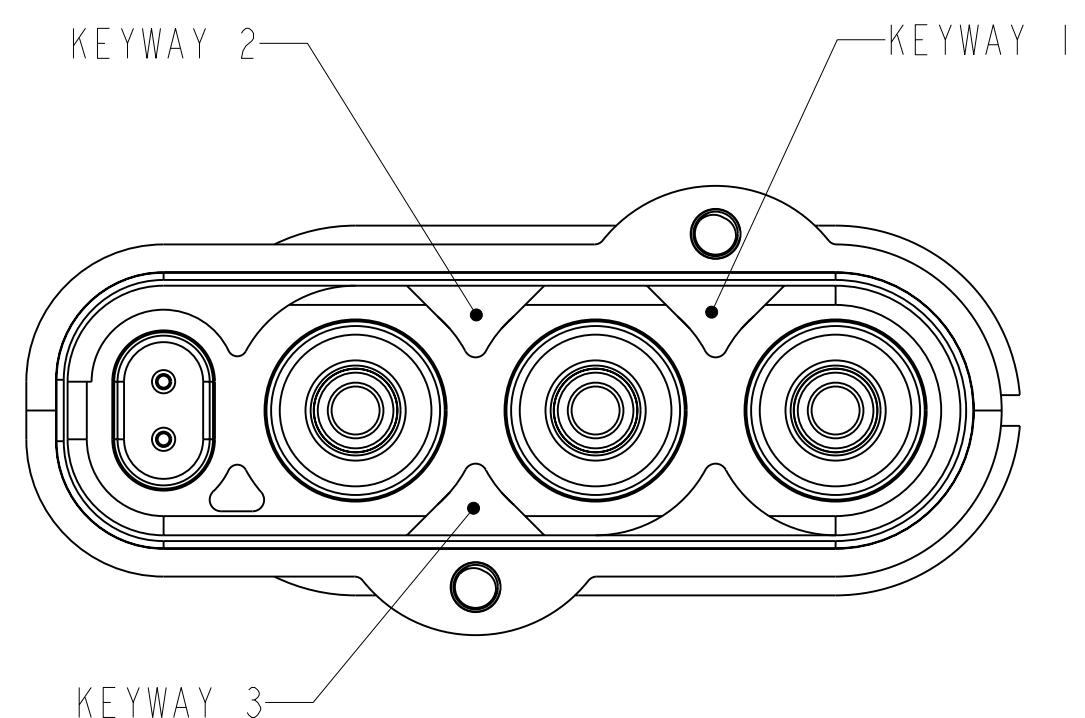
KEY OPTION 1
NO KEYWAYS OPEN



KEY OPTION 2
KEYWAY 1 OPEN

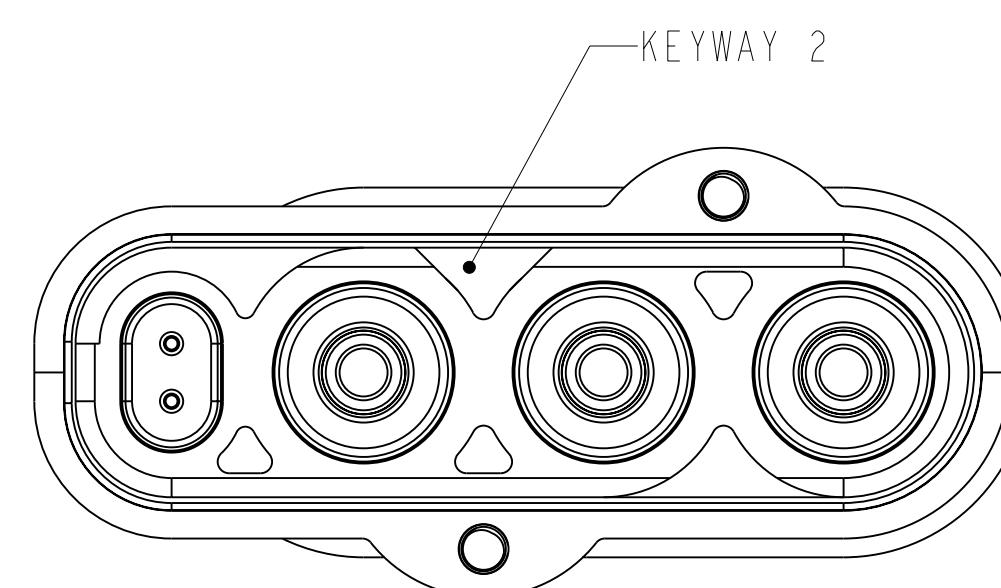


KEY OPTION 3
KEYWAYS 1 AND 2 OPEN

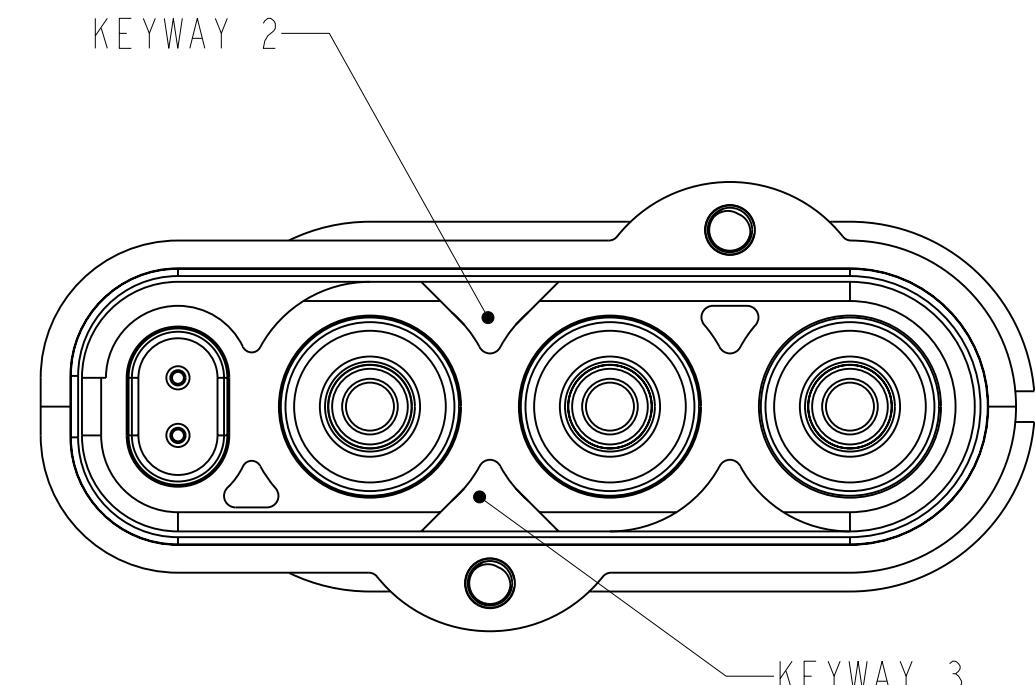


KEY OPTION 4
KEYWAYS 1, 2, AND 3 OPEN

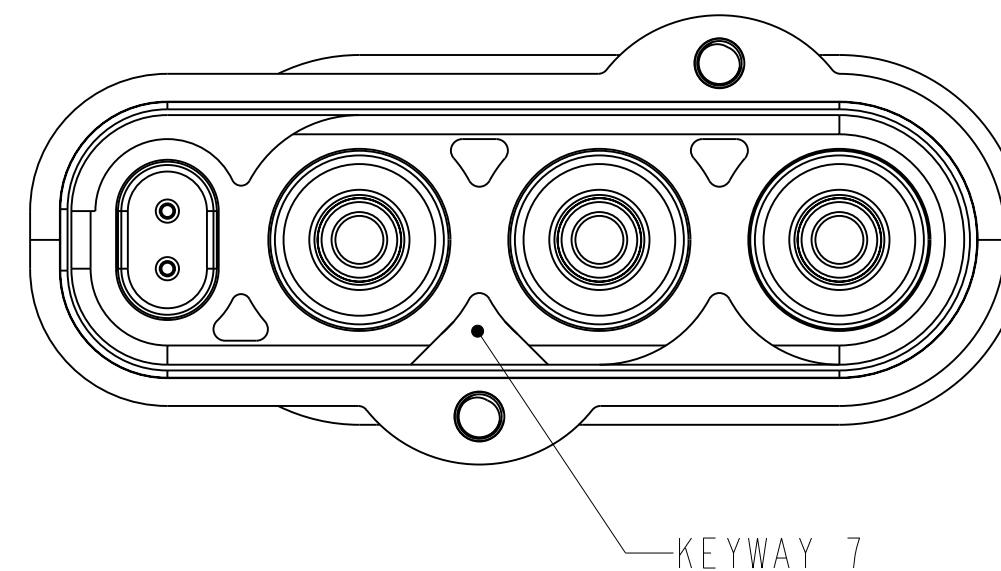
THE USE OF THIS DOCUMENT IS UNLIMITED.
HOWEVER, DOCUMENTS REFERENCED HEREON
MAY CONTAIN LIMITED RIGHTS DATA.



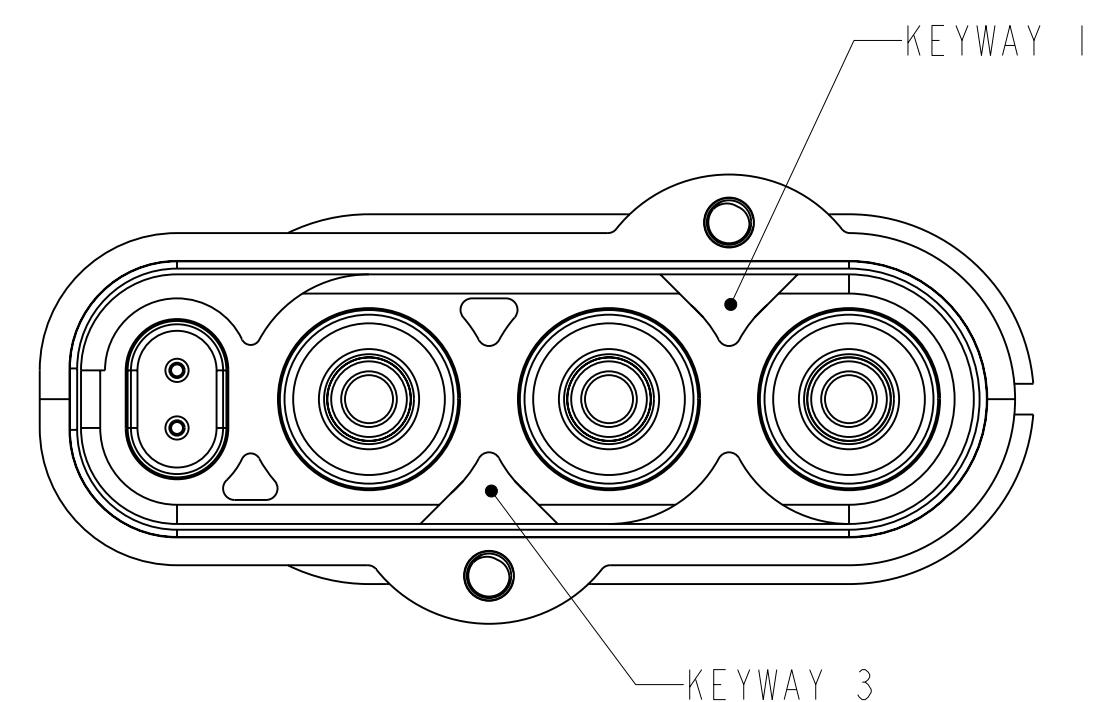
KEY OPTION 5
KEYWAY 2 OPEN



KEY OPTION 6
KEYWAYS 2 AND 3 OPEN

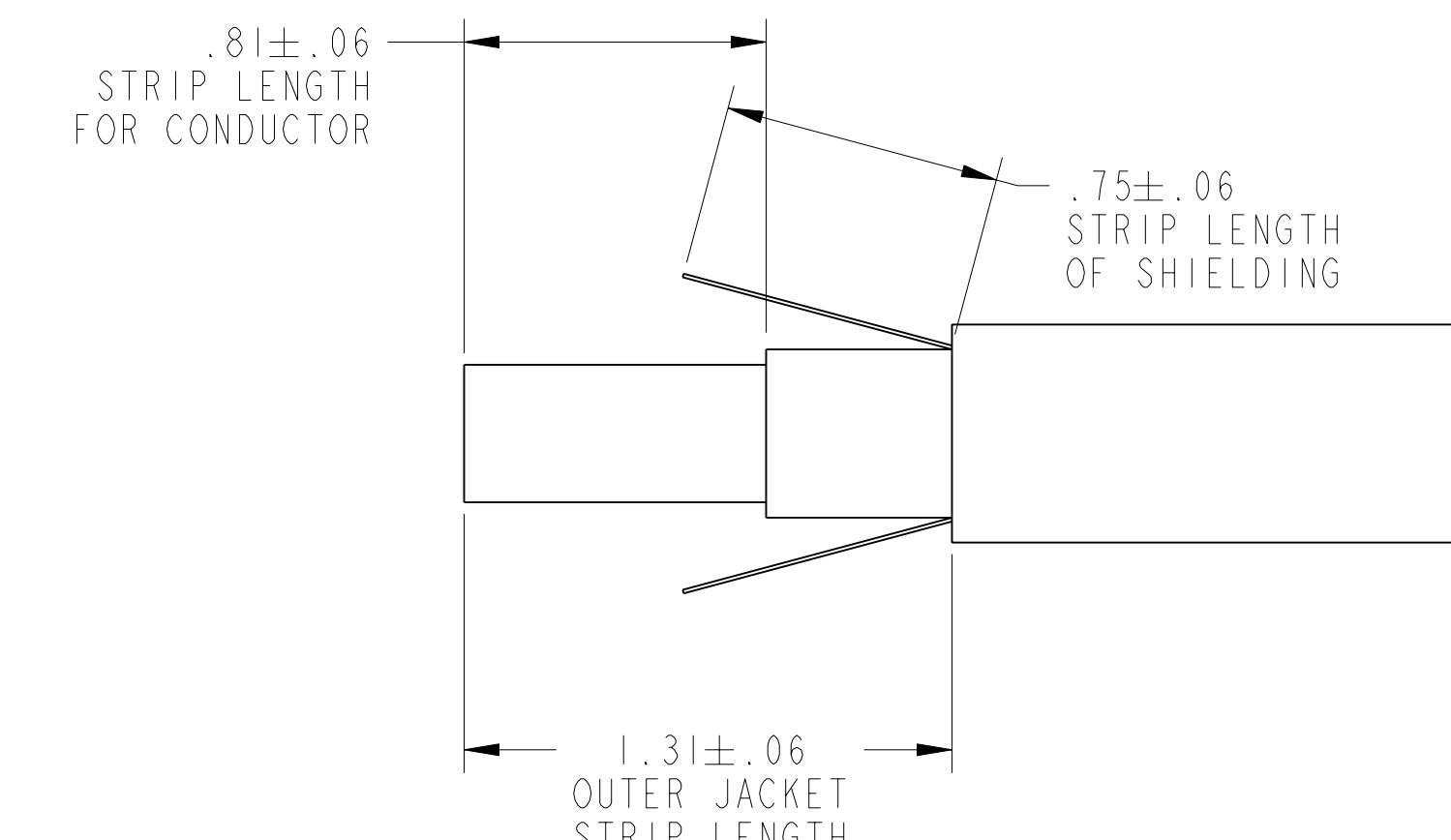
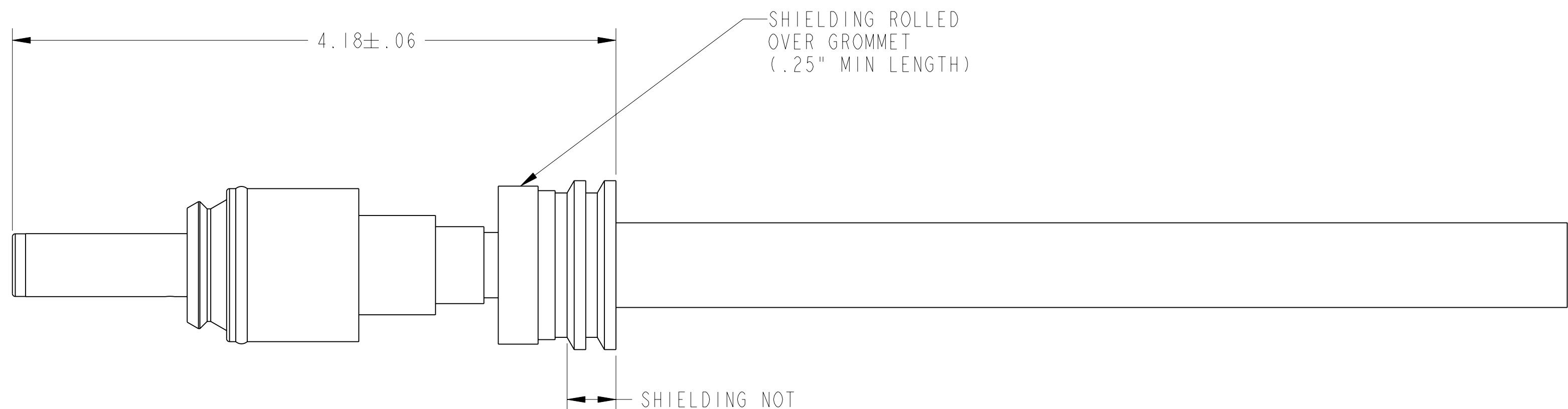


KEY OPTION 7
KEYWAY 3 OPEN



KEY OPTION 8
KEYWAYS 1 AND 3 OPEN

WIRE/CONTACT ASSEMBLY FOR CUSTOMER REFERENCE



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[10-643579-211](#)