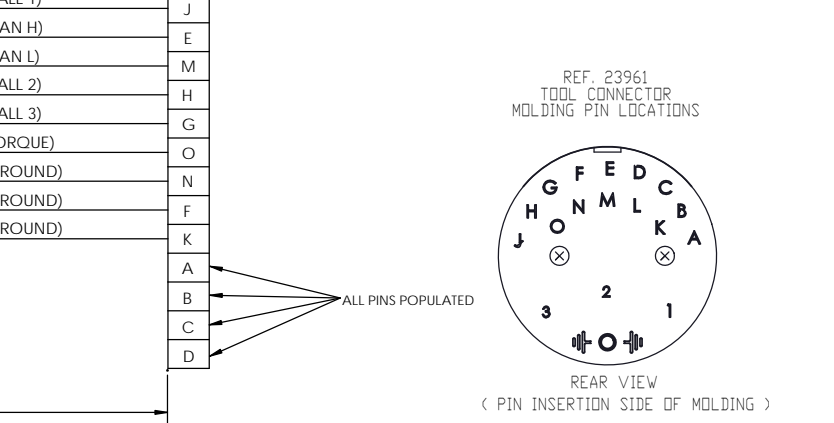


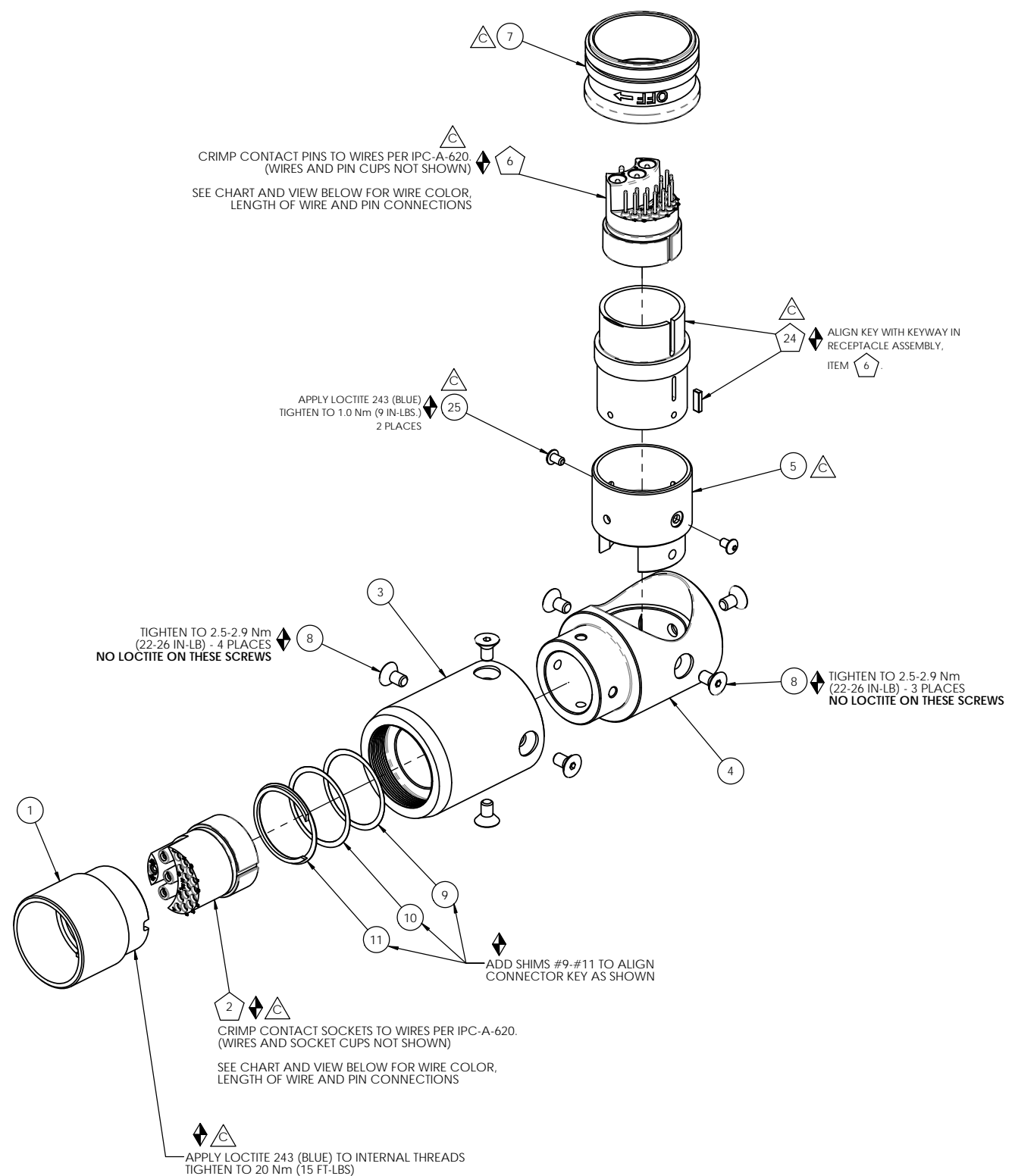
COMMENTS	ITEM NO.	PART NUMBER	QTY.	DESCRIPTION
	1	23547	1	FEMALE CONNECTOR SHELL
	2	23962	1	RECEPTACLE ASSY, FEMALE CABLE CONNECTOR
	3	26362	1	FEMALE CONNECTOR ADAPTER
	4	26360	1	RIGHT ANGLE ADAPTER
	5	26400	1	SHELL ADAPTER, TOOL CONNECTOR
	6	23961	1	RECEPTACLE ASSY, MALE CABLE CONNECTOR
	7	27228	1	CONNECTOR NUT
	8	26363	7	SCREW, FHSC 8-32x5/16, STEEL, BLACK OXIDE
	9	25271	A/R	SHIM. -.002
	10	25272	A/R	SHIM. -.005
	11	25273	A/R	SHIM. -.010
	12	28815	A/R	SHIELDED PHASE WIRE 3 COND., 16 AWG
	13	25927	A/R	WIRE, 16 AWG, BLUE
	14	25928	A/R	WIRE, 16 AWG, BROWN
	15	25929	A/R	WIRE, 16 AWG, VIOLET
	16	25930	A/R	WIRE, 16 AWG, GREEN
	17	27959	A/R	WIRE, 24 AWG, BLUE
	18	27958	A/R	WIRE, 24 AWG, ORANGE
	19	27956	A/R	WIRE, 24 AWG, WHITE
	20	27955	A/R	WIRE, 24 AWG, BLACK
	21	27957	A/R	WIRE, 24 AWG, RED
	22	24174	A/R	HEAT SHRINK, Ø.125
	23	25207	A/R	ELECTRONIC POTTING EPOXY, NON-CONDUCTIVE
	24	25742	1	TOOL CONNECTOR SHELL SUB-ASM.
	25	25745	2	SCREW, BHSC 4-40 STEEL, BLACK OXIDE

- NOTES:
- SNAP MALE TOOL CONNECTOR MOLDING HALVES TOGETHER. SCREW TOGETHER HALVES.
 - PREPARE WIRES BY SOLDERING INTO PIN CONTACTS. INSERT PINS INTO TOOL CONNECTOR MOLDING.
 - CONFIRM ALL PINS ARE FULLY SEATED AND ALIGNED. POT PINS IN PLACE BY FILLING BACK SIDE OF MOLD WITH POTTING EPOXY (ITEM NO. 23).
 - ROUTE WIRES THRU RIGHT ANGLE AND FEMALE ADAPTERS (ITEM NO'S 4 & 3) AND ASSEMBLE THE MALE TOOL CONNECTOR (ITEM NO. 24) INTO MALE ADAPTER (ITEM NO. 5). DO NOT ASSEMBLE FEMALE ADAPTER TO RIGHT ANGLE ADAPTER AT THIS TIME.
 - REPEAT ABOVE PROCEDURES 1 THRU 6 FOR FEMALE CONNECTOR WITH SOCKET CONTACTS, ITEM #2.
 - ASSEMBLE ADAPTER (ITEM NO. 3) TO FEMALE TOOL CONNECTOR (ITEM NO. 1), ENSURING KEY IS POSITIONED PROPERLY.
 - ASSEMBLE ADAPTER (ITEM NO. 3) TO RIGHT ANGLE ADAPTER (ITEM NO. 4). LEAVE A SERVICE LOOP INSIDE ADAPTER ASM. TO ALLOW THE RIGHT ANGLE ADAPTER AND CONNECTOR TO ROTATE APPROX. 180° IN EITHER DIRECTION, WITHOUT RESTRICTING THE WIRING.



1	28815 (VIOLET 16 AWG)	(PHASE C)	1
2	28815 (BROWN 16 AWG)	(PHASE B)	2
3	28815 (BLUE 16 AWG)	(PHASE A)	3
GND	26652 (GREEN 16 AWG)	(GROUND)	GND
L	25206 (RED 24 AWG)	(VTID)	L
J	28526 (BLUE 24 AWG)	(HALL 1)	J
E	28528 (WHITE 24 AWG)	(CAN H)	E
M	28528 (WHITE 24 AWG)	(CAN L)	M
H	28526 (BLUE 24 AWG)	(HALL 2)	H
G	28526 (BLUE 24 AWG)	(HALL 3)	G
O	28527 (ORANGE 24 AWG)	(TORQUE)	O
N	25205 (BLACK 24 AWG)	(GROUND)	N
F	25205 (BLACK 24 AWG)	(GROUND)	F
K	25205 (BLACK 24 AWG)	(GROUND)	K
A			A
B			B
C			C
D			D

5.25 ± .38



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REVISION LEVEL	REVISION RELEASE DATE	DESCRIPTION OF CHANGES MADE TO PART	ECN #	AUTHOR/ APPROVAL
REVISION BLOCK				

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES
DIMENSIONS AND TOLERANCING PER ANSI Y14.5
SURFACE ROUGHNESS PER ANSI Y14.36

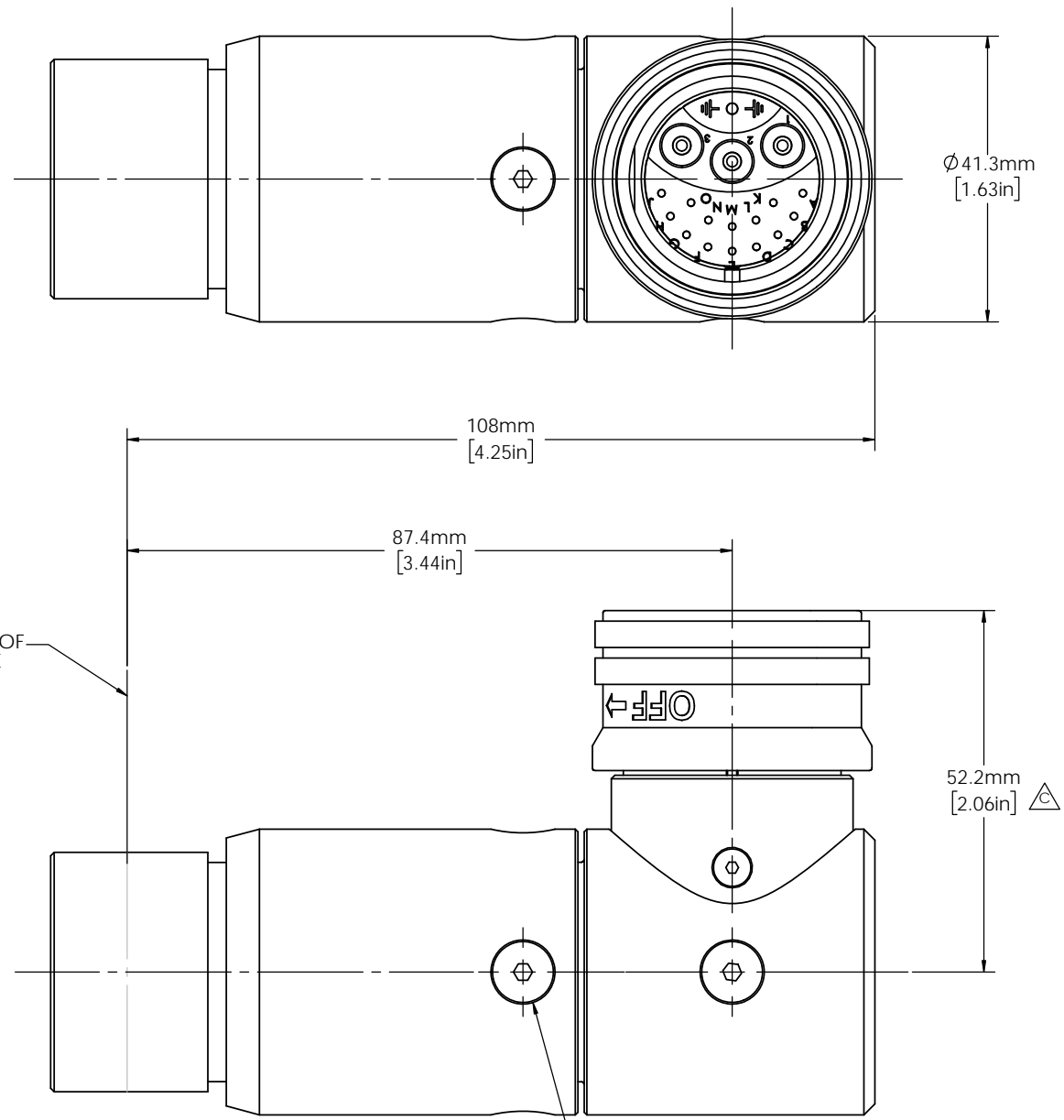
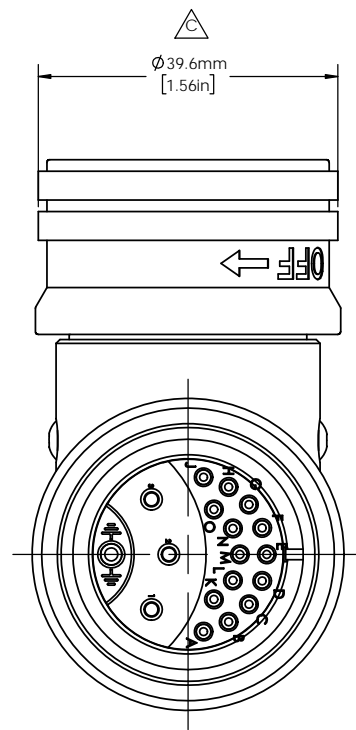
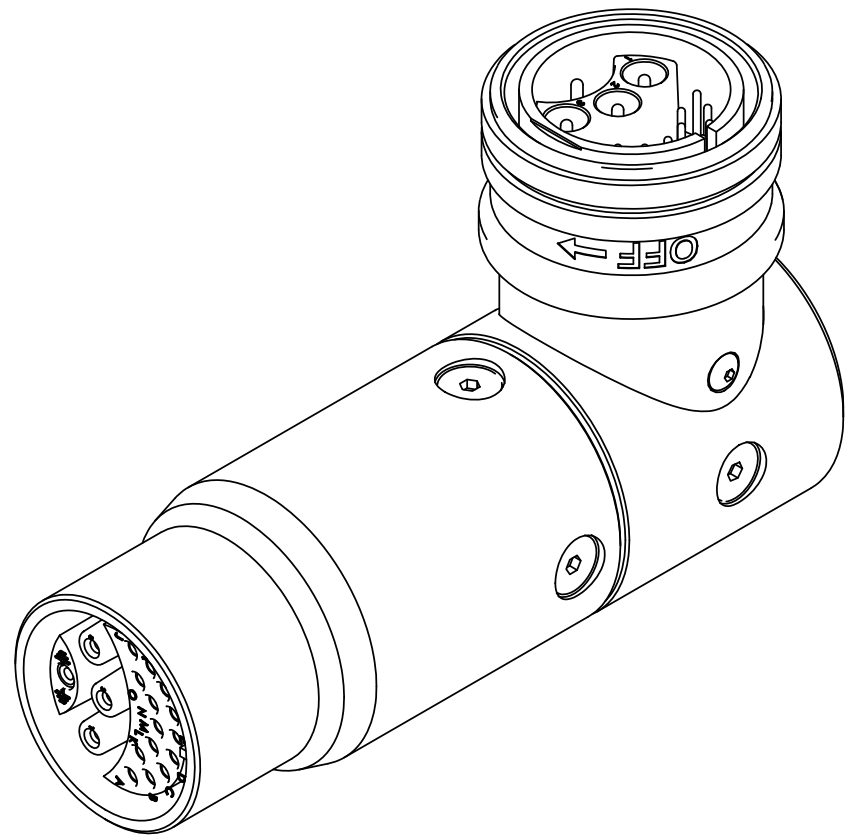
BLOCK TOLERANCING PER DECIMAL:
.X = ±.030 .XX = ±.010 .XXX = ±.005 .XXXX = ±.0005
ANGLE = ±0°30'

REMOVE BURRS AND SHARP EDGES: R.015 MAX
MACHINE SURFACE FINISH: 125 RMS OR BETTER

DRAWINGS AND TECHNICAL DOCUMENTS CONTROLLED BY:
ACRADYNE MECHANICAL ENGINEERING

RIGHT ANGLE CABLE ADAPTER ASM. GEN 3/GEN 4 TOOLS		
SIZE	PART / DRAWING NUMBER	REVISION
D	26364	C
SCALE 1:1	DO NOT SCALE DRAWING	SHEET 1 OF 2

◆ ASSEMBLY INSTRUCTIONS
◊ SUB-ASSEMBLY



MATING SURFACE OF MALE RECEPTACLE ON TOOL

REMOVE THESE (4) SCREWS TO ROTATE MALE RECEPTACLE IN 90° INCREMENTS, 180° MAX IN EITHER DIRECTION. RE-ASSEMBLE AND TIGHTEN TO 2.5-2.9 Nm (22-26 IN-LB).

CAUTION! ROTATING CONNECTOR MORE THAN 180° WILL CAUSE PERMANENT WIRE DAMAGE.



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REVISION LEVEL	REVISION RELEASE DATE	DESCRIPTION OF CHANGES MADE TO PART	ECN #	AUTHOR / APPROVAL

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES
 DIMENSIONS AND TOLERANCING PER ANSI Y14.5
 SURFACE ROUGHNESS PER ANSI Y14.36

BLOCK TOLERANCING PER DECIMAL:
 .X = ±.030 .XX = ±.010 .XXX = ±.005 .XXXX = ±.0005
 ANGLE = ±0° 30'

REMOVE BURRS AND SHARP EDGES: R.015 MAX
 MACHINE SURFACE FINISH: 125 RMS OR BETTER

DRAWINGS AND TECHNICAL DOCUMENTS CONTROLLED BY:
ACRADYNE MECHANICAL ENGINEERING

RIGHT ANGLE CABLE ADAPTER ASM.
OUTLINE DRAWING
 GEN 3/GEN 4 TOOLS

SIZE D	PART / DRAWING NUMBER 26364	REVISION C
SCALE: 2:1	DO NOT SCALE DRAWING	SHEET 2 OF 2