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DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

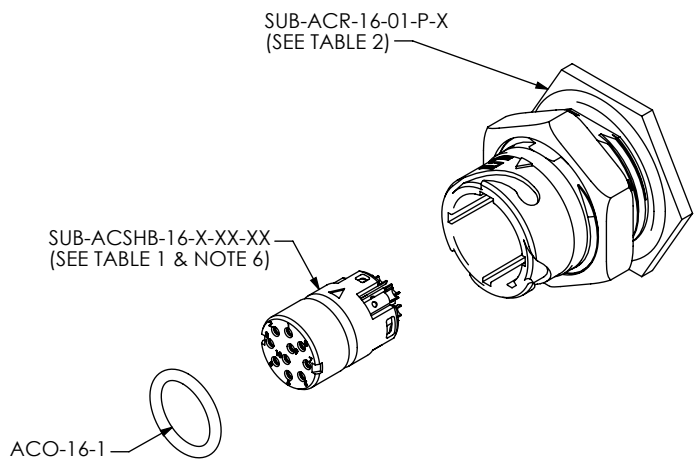


FIG 1
ACRK-16-02-X-S-C-P-1 SHOWN

ACRK-16-XX-X-X-XX-P-X

RECEPTACLE KIT
SIZE

KEY FEATURE (SEE NOTE 2, SHT. 4)
-1: ORANGE
-2: GREEN
-3: BLUE
-4: YELLOW

STYLE
-P: PLASTIC

- LEAD STYLE
- 01: 14 POS (0.5 TERM/SKT), 26 - 30 AWG
 - 02: 10 POS (1.0 TERM/SKT), 20 - 24 AWG
 - 03: 4 POS PWR (1.5 TERM/SKT), 14 - 18 AWG
 - * -04: 4 POS COMBO (2 X COAX PLUG/JACK), CCA-316 (2 X 1.0 TERM/SKT), 20 - 24 AWG
 - * -05: 4 POS COMBO (3 X 1.5 TERM/SKT), 14 - 18 AWG (1 X COAX PLUG/JACK), CCA-316
 - 06: 10 POS COMBO (2 X 1.5 TERM/SKT), 14 - 18 AWG (8 X 0.5 TERM/SKT), 26 - 30 AWG
 - * -07: 7 POS COMBO (1 X COAX PLUG/JACK), CCA-316 (6 X 1.0 TERM/SKT), 20 - 24 AWG

TERMINATION (SEE SHT. 4)
-C: SOLDER CUP
-B1: .062 BOARD MOUNT (NOT AVAILABLE WITH -04, -05, OR -07 LEAD STYLES.)

GENDER
-T: TERMINAL
-S: SOCKET

PLATING
-G: 10µ" GOLD ON CONTACT
-H: 30µ" GOLD ON CONTACT

* = NOT RELEASED FOR PRODUCTION

SUB-ACTHB-16-X-XX-XX (SEE TABLE 1 & NOTE 6)

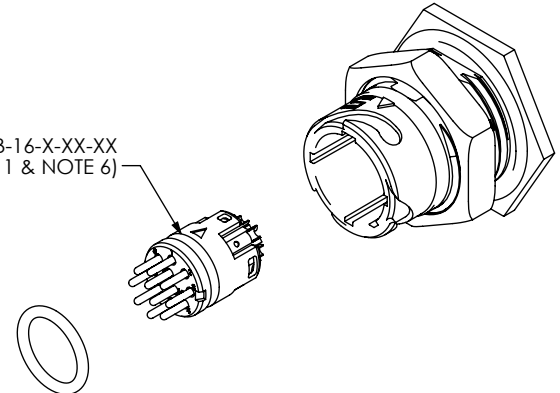


FIG 2
ACRK-16-02-X-T-C-P-1 SHOWN (SAME AS FIG 1, EXCEPT AS SHOWN)

KEY FEATURE	SUB-ACR-16-XX-P-X
-1	SUB-ACR-16-01-P-1
-2	SUB-ACR-16-01-P-2
-3	SUB-ACR-16-01-P-3
-4	SUB-ACR-16-01-P-4

NOTES:

1. KIT COMPONENTS TO BE PACKAGED IN BAGS PER PACKAGING STANDARD CO-RF-WI-3001-M.
2. KEY FEATURE DETERMINES COLOR OF COLOR KEY RING AND DUSTCAP LANYARD IF APPLICABLE.
3. REFER TO DCA-ACR-16-P-X PRINT FOR DUST CAP.
4. PANEL THICKNESS RANGE: 0.80[.031] - 5.20[.205].
5. TORQUE SPECIFICATION FOR PANEL NUT: 1.7Nm[15.00 IN-LB] - 2.3Nm[20.00 IN-LB].
6. RECOMMENDED INSERTION TOOL: CAT-AC-16-M.
7. NOTE DELETED.

LEAD STYLES	GENDER	TERMINATION					
		-C: SOLDER CUP			-B1: BOARD MOUNT		
		SUB-ASSEMBLY/HOLDER BODY PART #		COAX PLUG/JACK PART #		SUB-ASSEMBLY PART #	
		PLATING		AC-X-CH-ST-CA1	QTY	PLATING	
-G	-H	-G	-H				
-01	-T	SUB-ACTHB-16-G-01	SUB-ACTHB-16-H-01	NA		SUB-ACTHB-16-G-01-B1	SUB-ACTHB-16-H-01-B1
-02	-T	SUB-ACTHB-16-G-02	SUB-ACTHB-16-H-02	NA		SUB-ACTHB-16-G-02-B1	SUB-ACTHB-16-H-02-B1
-03	-T	SUB-ACTHB-16-G-03	SUB-ACTHB-16-H-03	NA		SUB-ACTHB-16-G-03-B1	SUB-ACTHB-16-H-03-B1
-04	-T	SUB-ACTHB-16-G-04	SUB-ACTHB-16-H-04	AC-P-C-H-ST-CA1	2	NA	NA
-05	-T	SUB-ACTHB-16-G-05	SUB-ACTHB-16-H-05	AC-P-C-H-ST-CA1	1	NA	NA
-06	-T	SUB-ACTHB-16-G-06	SUB-ACTHB-16-H-06	NA		SUB-ACTHB-16-G-06-B1	SUB-ACTHB-16-H-06-B1
-07	-T	SUB-ACTHB-16-G-07	SUB-ACTHB-16-H-07	AC-P-C-H-ST-CA1	1	NA	NA
-01	-S	SUB-ACSHB-16-G-01	SUB-ACSHB-16-H-01	NA		SUB-ACSHB-16-G-01-B1	SUB-ACSHB-16-H-01-B1
-02	-S	SUB-ACSHB-16-G-02	SUB-ACSHB-16-H-02	NA		SUB-ACSHB-16-G-02-B1	SUB-ACSHB-16-H-02-B1
-03	-S	SUB-ACSHB-16-G-03	SUB-ACSHB-16-H-03	NA		SUB-ACSHB-16-G-03-B1	SUB-ACSHB-16-H-03-B1
-04	-S	SUB-ACSHB-16-G-04	SUB-ACSHB-16-H-04	AC-J-C-H-ST-CA1	2	NA	NA
-05	-S	SUB-ACSHB-16-G-05	SUB-ACSHB-16-H-05	AC-J-C-H-ST-CA1	1	NA	NA
-06	-S	SUB-ACSHB-16-G-06	SUB-ACSHB-16-H-06	NA		SUB-ACSHB-16-G-06-B1	SUB-ACSHB-16-H-06-B1
-07	-S	SUB-ACSHB-16-G-07	SUB-ACSHB-16-H-07	AC-J-C-H-ST-CA1	1	NA	NA

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE:
DECIMALS ANGLES
X.X: ±0.3 [.01] 2°
X.XX: ±0.13 [.005]
X.XXX: ±0.051 [.0020]

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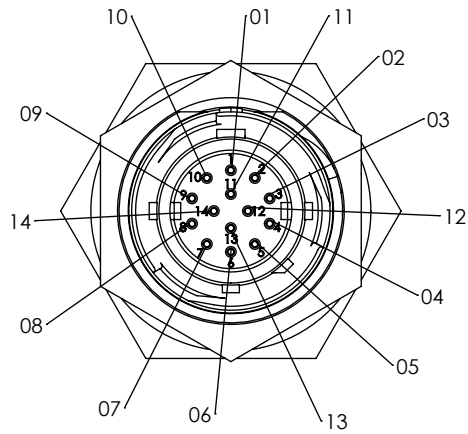
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812.944.6733 FAX: 812.948.5047
e-Mail: info@SAMTEC.com code 53322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:1
SHELL/NUT: NYLON, COLOR: BLACK
HOLDER BODY: PBT, COLOR: BLACK
O-RING: NITRILE
COLOR RING: SILICONE
TERMINALS: BRASS
CONTACTS: BRASS/BeCu

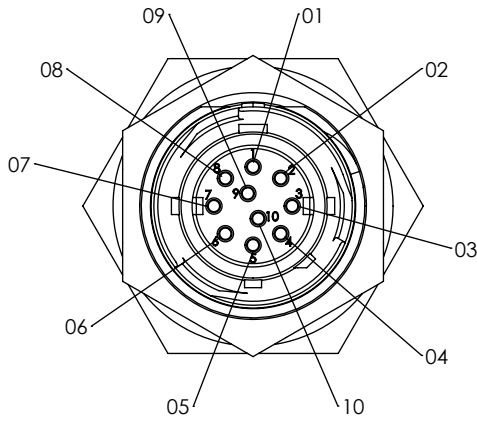
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ACCLIMATE CIRC. FIELD TERM. KIT
DWG. NO.
ACRK-16-XX-X-X-XX-P-X
BY: J. BORGELT 3/7/2011 SHEET 1 OF 4

-T END OPTIONS

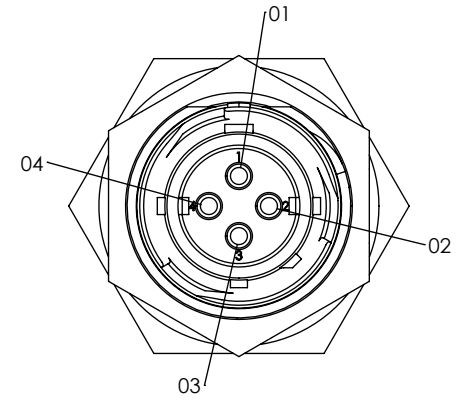
-01: 14 POS
Ø0.5 TERMINALS



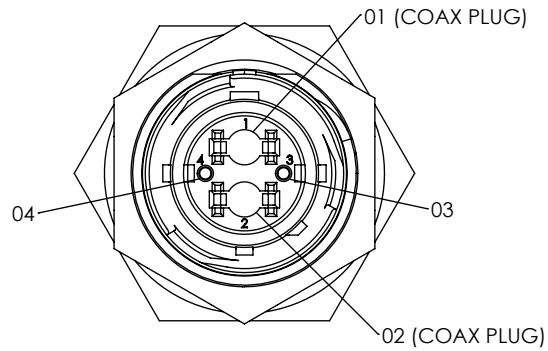
-02: 10 POS
Ø1.0 TERMINALS



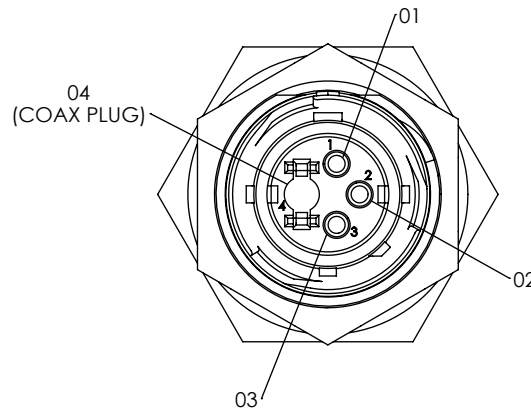
-03: 4 POS
Ø1.5 TERMINALS



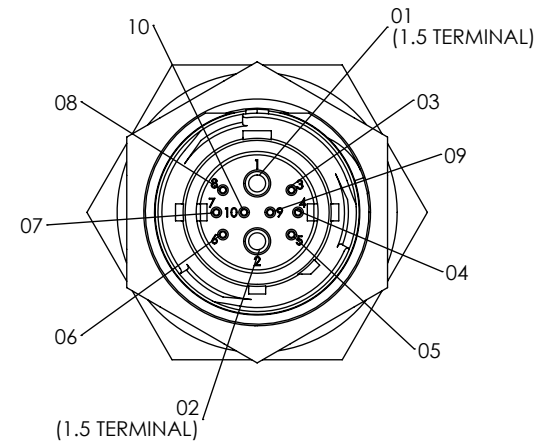
-04: 3 POS COMBO
2 X COAX PLUGS
2 X Ø1.0 TERMINALS



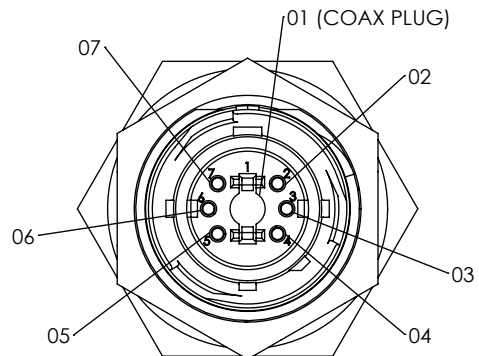
-05: 4 POS COMBO
3 X Ø1.5 TERMINALS
1 X COAX PLUG



-06: 10 POS COMBO
2 X Ø1.5 TERMINALS
8 X Ø0.5 TERMINALS



-07: 7 POS COMBO
1 X COAX PLUG
6 X Ø1.0 TERMINALS



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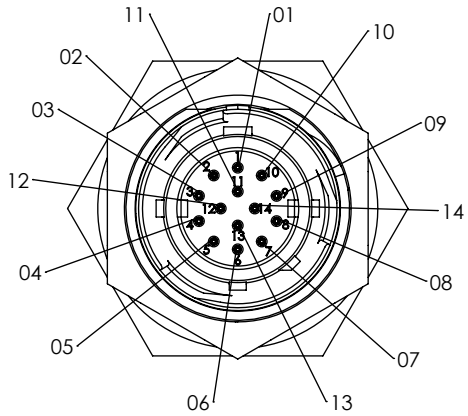
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DWG. NO. ACRK-16-XX-X-X-XX-P-X

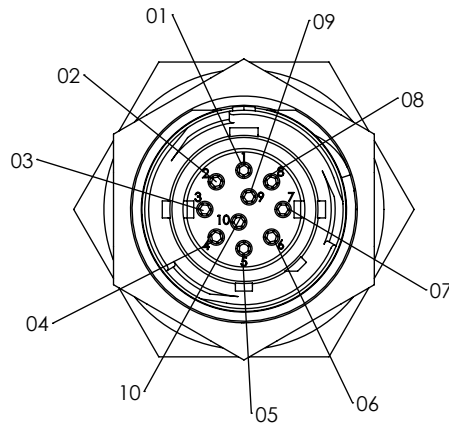
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-S END OPTIONS

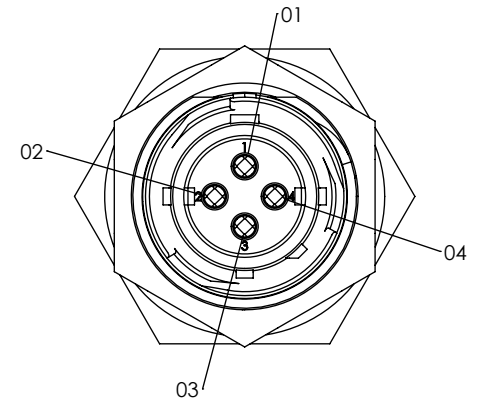
-01: 14 POS
Ø0.5 SOCKETS



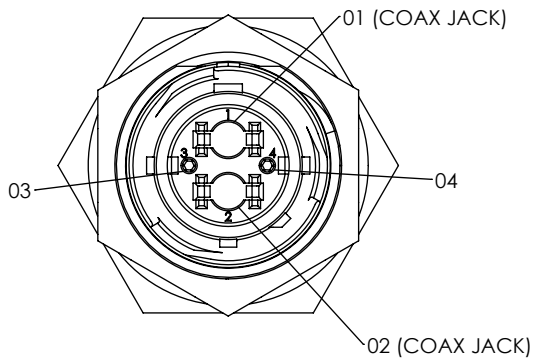
-02: 10 POS
Ø1.0 SOCKETS



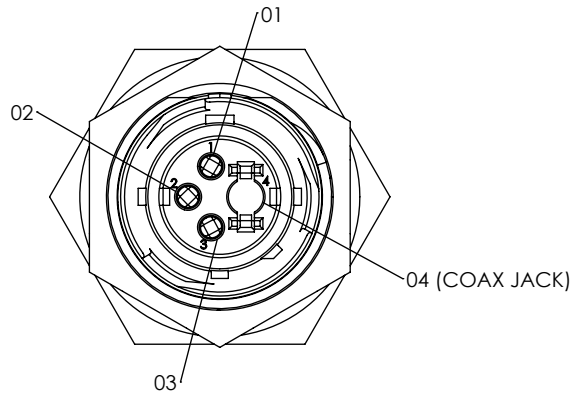
-03: 4 POS
Ø1.5 SOCKETS



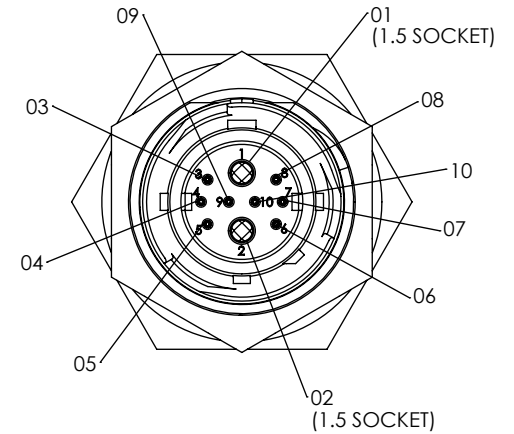
-04: 4 POS COMBO
2 X COAX JACKS
2 X Ø1.0 TERMINALS



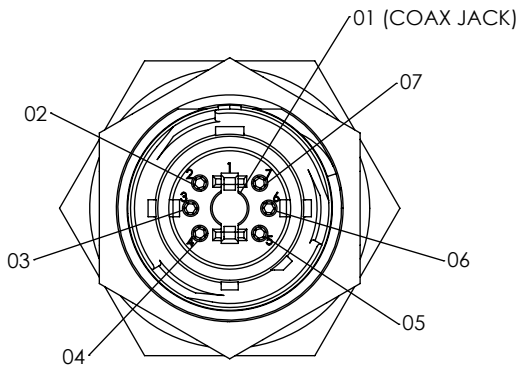
-05: 4 POS COMBO
3 X Ø1.5 SOCKETS
1 X COAX JACK



-06: 10 POS COMBO
2 X Ø1.5 SOCKETS
8 X Ø0.5 SOCKETS



-07: 7 POS COMBO
1 X COAX JACK
6 X Ø1.0 SOCKETS



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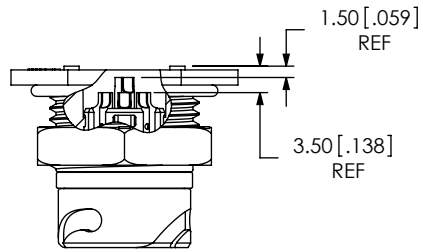
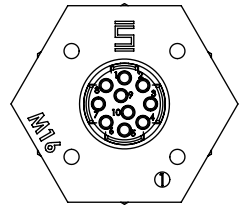
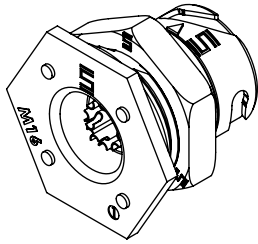
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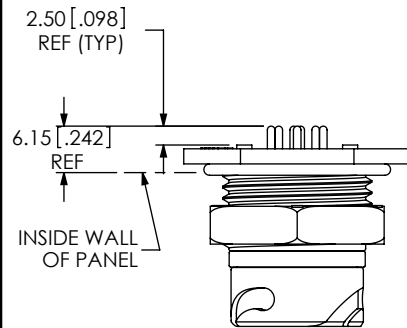
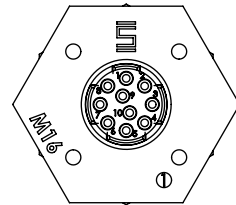
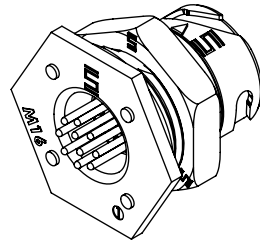
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REVISION B

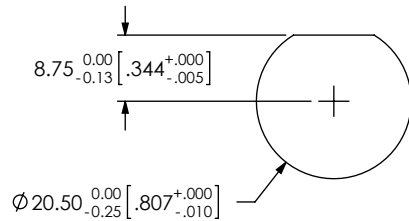
-C: SOLDER CUP
ACRK-16-02-X-S-C-P-1 SHOWN



-B1: BOARD MOUNT
ACRK-16-02-X-S-B1-P-1 SHOWN

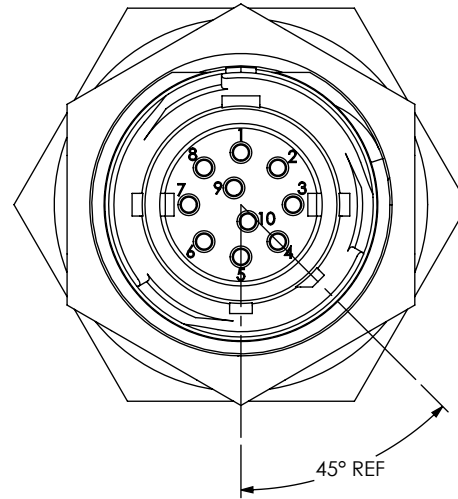


RECOMMENDED PANEL OPENING
SEE NOTE 4

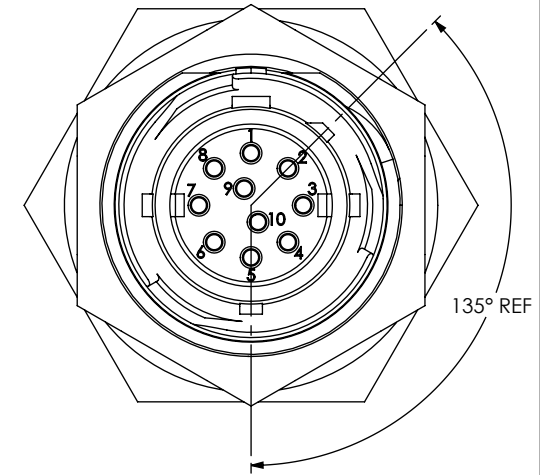


KEY FEATURE
SEE NOTE 2

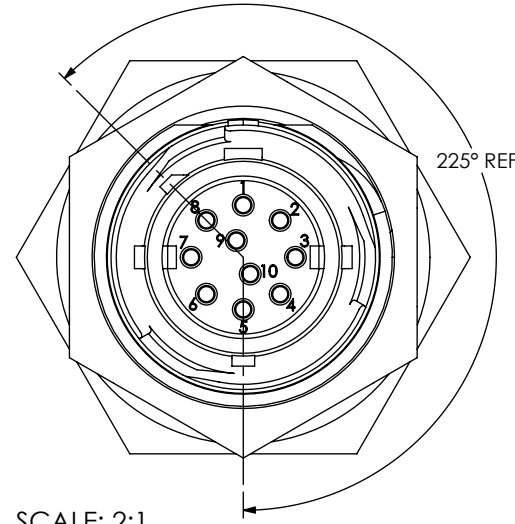
-1
ORANGE KEY RING



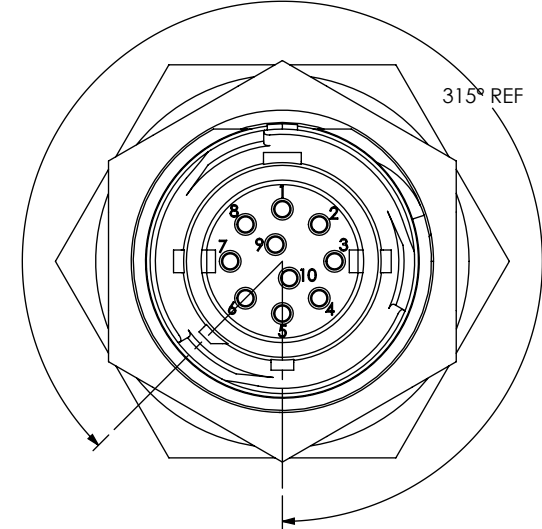
-2
GREEN KEY RING



-3
BLUE KEY RING



-4
YELLOW KEY RING



SCALE: 2:1

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