

DESIGNED & DIMENSIONED  
IN MILLIMETERS[INCHES]

DO NOT  
SCALE FROM  
THIS PRINT

ACRK-22-XX-X-X-XX-P-X

RECEPTACLE KIT  
SIZE

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

LEAD STYLE  
-01: 30 POS (1.0 TERM/SKT), 20 - 24 AWG  
-02: 20 POS (1.0 TERM/SKT), 20 - 24 AWG  
-03: 8 POS PWR (1.5 TERM/SKT), 14 - 18 AWG  
\* -04: 6 POS (COAX PLUG/JACK), CCA-316  
-05: 20 POS COMBO  
(4 X 1.5 TERM/SKT, 14 - 18 AWG)  
(16 X 1.0 TERM/SKT, 20 - 24 AWG)  
\* -06: 16 POS COMBO  
(4 X COAX PLUG/JACK, CCA-316)  
(12 X 1.0 TERM/SKT, 20 - 24 AWG)

STYLE  
-P: PLASTIC

TERMINATION  
(SEE SHT. 4)  
-C: SOLDER CUP  
-B1: .062 BOARD MOUNT  
(NOT AVAILABLE WITH  
-04, OR -06 LEADSTYLES.)

GENDER  
-T: TERMINAL  
-S: SOCKET

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

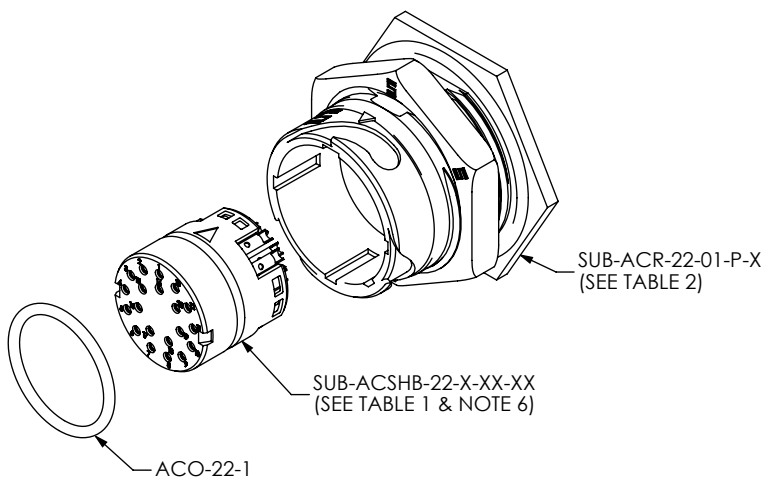


FIG 1  
ACRK-22-02-X-S-X-P-1 SHOWN

\* = NOT RELEASED FOR PRODUCTION

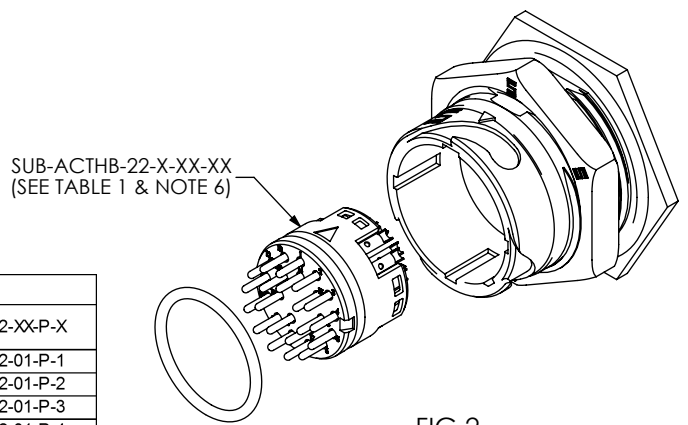


FIG 2  
ACRK-22-02-X-T-X-P-1 SHOWN  
(SAME AS FIG 1, EXCEPT AS SHOWN)

**TABLE 2**

KEY FEATURE	SUB-ACR-22-XX-P-X
-1	SUB-ACR-22-01-P-1
-2	SUB-ACR-22-01-P-2
-3	SUB-ACR-22-01-P-3
-4	SUB-ACR-22-01-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-22-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[20IN-LB].
  6. RECOMMENDED INSERTION TOOL: CAT-AC-22-M.
  7. NOTE DELETED.

**TABLE 1**

LEAD STYLES	GENDER	TERMINATION					
		-C: SOLDER CUP			-B1: BOARD MOUNT		
		SUB-ASSEMBLY/HOLDER BODY PART #		COAX PLUG/JACK PART #		SUB-ASSEMBLY PART #	
		PLATING		PLATING		PLATING	
		-G	-H	AC-X-C-H-ST-CA1	QTY	-G	-H
-01	-T	SUB-ACTHB-22-G-01	SUB-ACTHB-22-H-01	NA		SUB-ACTHB-22-G-01-B1	SUB-ACTHB-22-H-01-B1
-02	-T	SUB-ACTHB-22-G-02	SUB-ACTHB-22-H-02	NA		SUB-ACTHB-22-G-02-B1	SUB-ACTHB-22-H-02-B1
-03	-T	SUB-ACTHB-22-G-03	SUB-ACTHB-22-H-03	NA		SUB-ACTHB-22-G-03-B1	SUB-ACTHB-22-H-03-B1
-04	-T	ACTHB-22-6	ACTHB-22-6	AC-P-C-H-ST-CA1	6	NA	NA
-05	-T	SUB-ACTHB-22-G-05	SUB-ACTHB-22-H-05	NA		SUB-ACTHB-22-G-05-B1	SUB-ACTHB-22-H-05-B1
* -06	-T	SUB-ACTHB-22-G-06	SUB-ACTHB-22-H-06	AC-P-C-H-ST-CA1	4	NA	NA
-01	-S	SUB-ACSHB-22-G-01	SUB-ACSHB-22-H-01	NA		SUB-ACSHB-22-G-01-B1	SUB-ACSHB-22-H-01-B1
-02	-S	SUB-ACSHB-22-G-02	SUB-ACSHB-22-H-02	NA		SUB-ACSHB-22-G-02-B1	SUB-ACSHB-22-H-02-B1
-03	-S	SUB-ACSHB-22-G-03	SUB-ACSHB-22-H-03	NA		SUB-ACSHB-22-G-03-B1	SUB-ACSHB-22-H-03-B1
* -04	-S	ACSHB-22-6	ACSHB-22-6	AC-J-C-H-ST-CA1	6	NA	NA
-05	-S	SUB-ACSHB-22-G-05	SUB-ACSHB-22-H-05	NA		SUB-ACSHB-22-G-05-B1	SUB-ACSHB-22-H-05-B1
* -06	-S	SUB-ACSHB-22-G-06	SUB-ACSHB-22-H-06	AC-J-C-H-ST-CA1	4	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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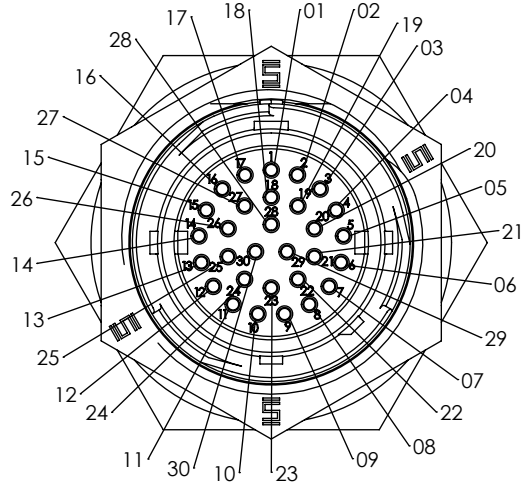


MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:1  
SHELL/NUT: NYLON, COLOR: BLACK  
INSULATOR: PBT, COLOR: BLACK  
O-RING: NITRILE  
COLOR RING: SILICONE  
TERMINALS: BRASS  
CONTACTS: BRASS/BeCu

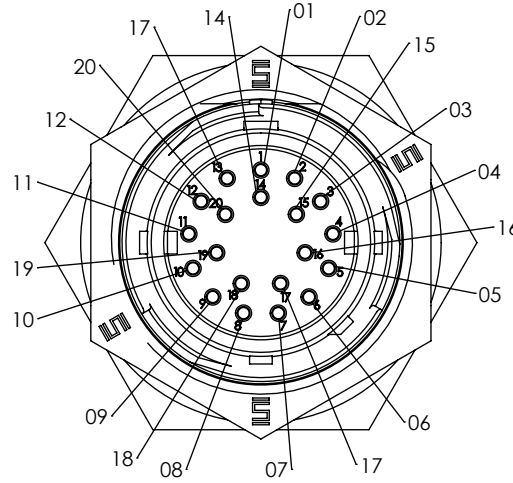
DESCRIPTION: ACCLIMATE CIRC. FIELD TERM. KIT  
DWG. NO. ACRK-22-XX-X-X-XX-P-X  
BY: CLAY W 08/02/2011 SHEET 1 OF 4

-T END OPTIONS

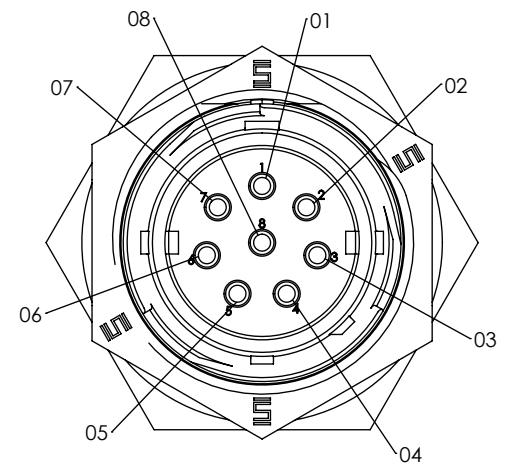
-01: 30 POS  
Ø 1.0 TERMINALS



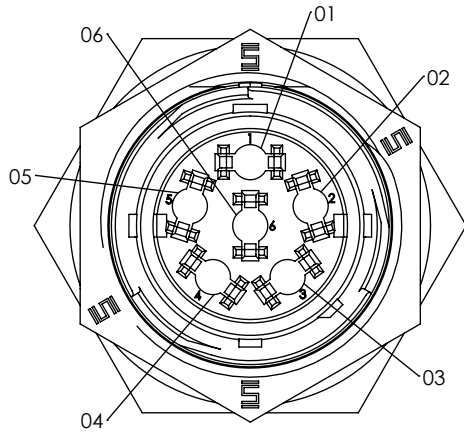
-02: 20 POS  
Ø 1.0 TERMINALS



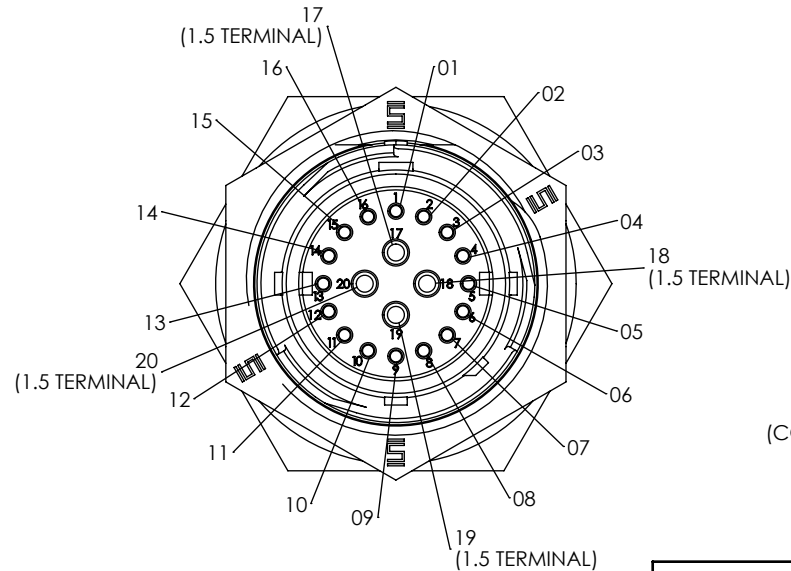
-03: 8 POS  
Ø 1.5 TERMINALS



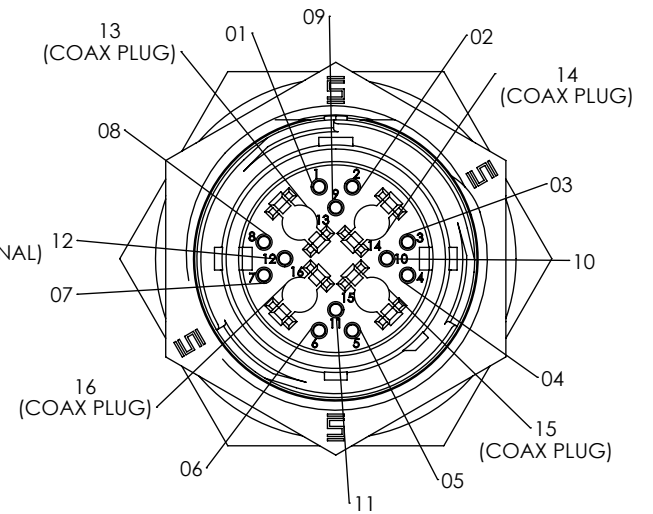
\*-04: 6 POS  
COAX PLUG



-05: 20 POS COMBO  
16 X Ø 1.0 TERMINALS  
4 X Ø 1.5 TERMINALS



\*-06: 16 POS COMBO  
4 X COAX PLUG  
12 X Ø 1.0 TERMINALS



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e-Mail info@SAMTEC.com code 55322

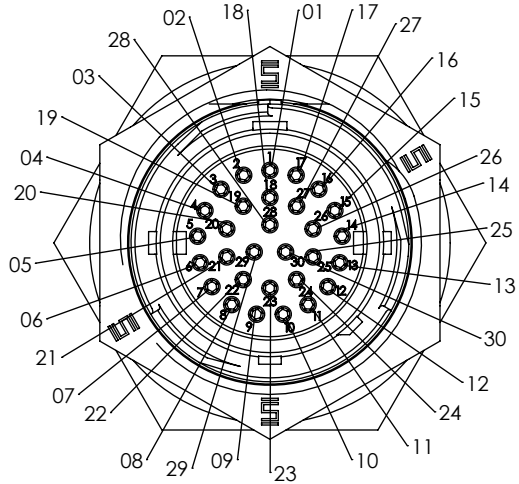
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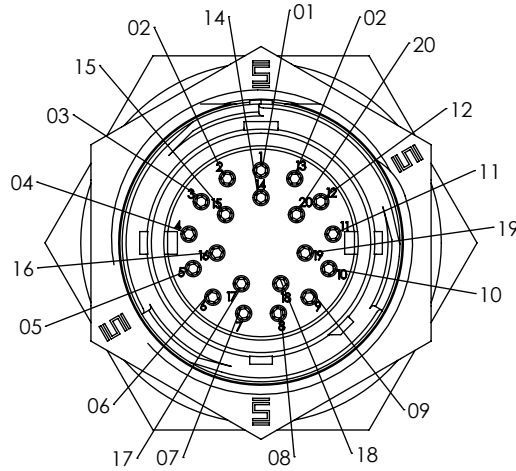
BY: CLAY W 08/02/2011 SHEET 2 OF 4

-S END OPTIONS

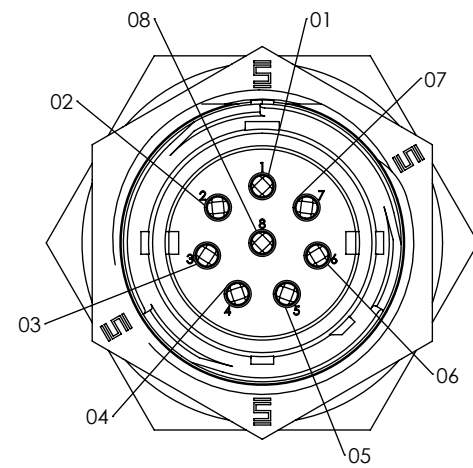
-01: 30 POS  
Ø 1.0 SOCKETS



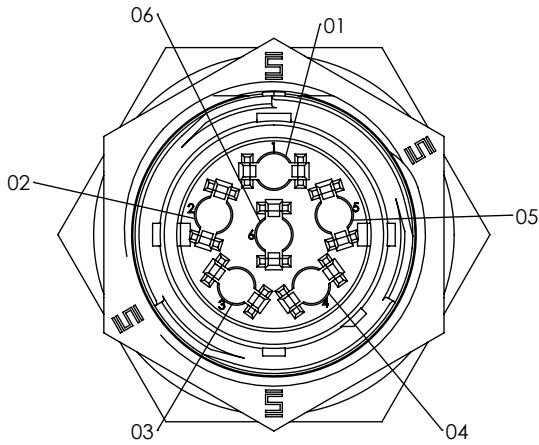
-02: 20 POS  
Ø 1.0 SOCKETS



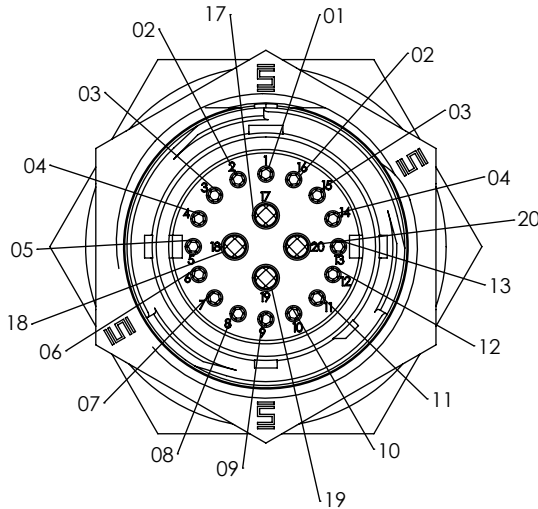
-03: 8 POS  
Ø 1.5 SOCKETS



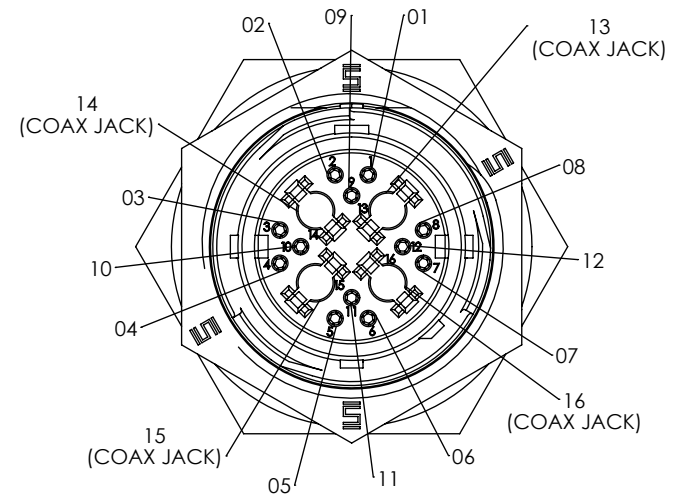
\*-04: 6 POS  
COAX JACK



-05: 20 POS COMBO  
16 X Ø 1.0 SOCKETS  
4 X Ø 1.5 SOCKETS



\*-06: 16 POS COMBO  
4 X COAX JACK  
12 X Ø 1.0 SOCKETS



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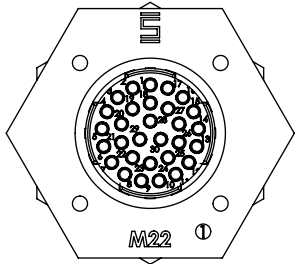
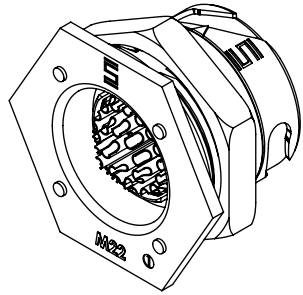
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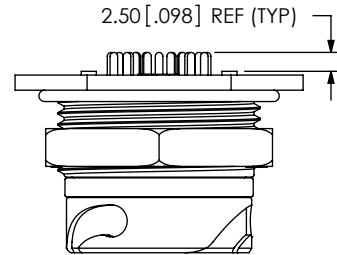
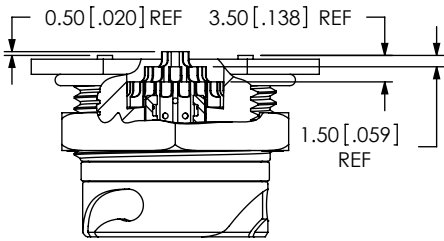
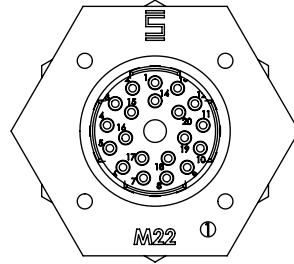
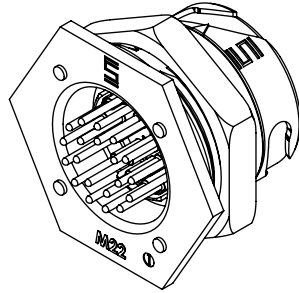
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REVISION B

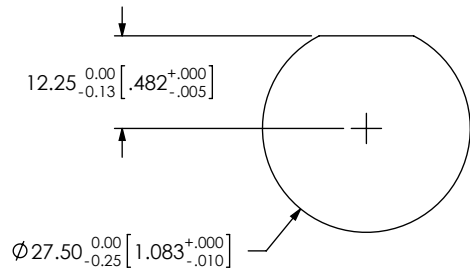
**-C: SOLDER CUP**  
ACRK-22-01-X-S-C-P-1 SHOWN



**-B1: BOARD MOUNT**  
ACRK-22-02-X-S-B1-P-1 SHOWN

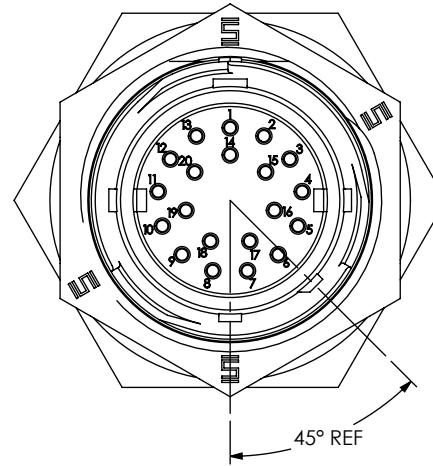


**RECOMMENDED PANEL OPENING**  
SEE NOTE 4

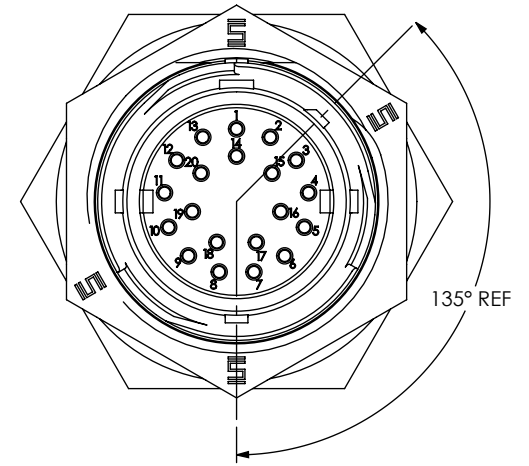


**KEY FEATURE**  
SEE NOTE 2

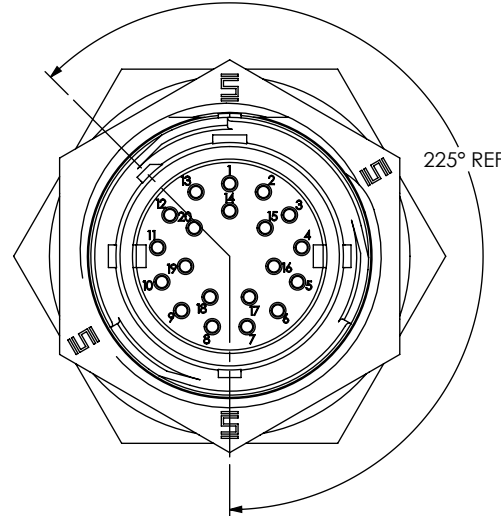
**-1**  
ORANGE KEY RING



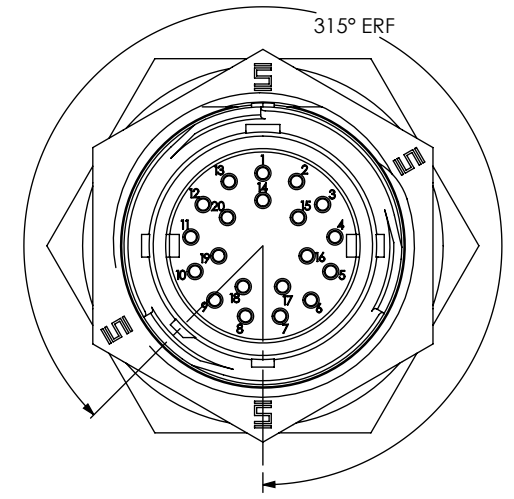
**-2**  
GREEN KEY RING



**-3**  
BLUE KEY RING



**-4**  
YELLOW KEY RING



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