

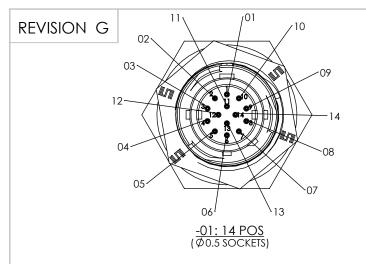
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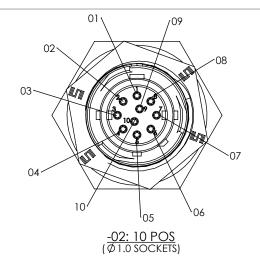


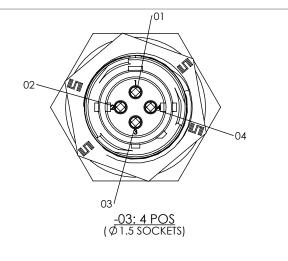
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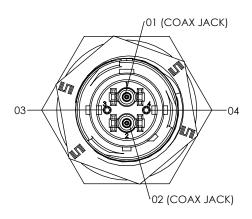
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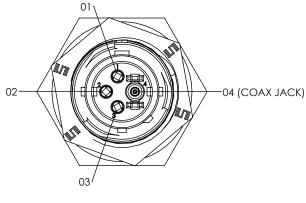
BY: D.SCHMELZ 04/27/2010 SHEET 2 OF 8

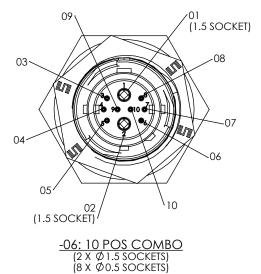






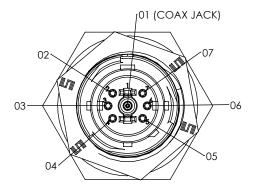






-04: 4 POS COMBO (2 X COAX JACKS) (2 X Ø 1.0 SOCKETS)

-05: 4 POS COMBO (3 X Ø 1.5 SOCKETS) (1 X COAX JACK)



-07: 7 POS COMBO (1 X COAX JACK) (6 X Ø 1.0 SOCKETS)

-S END OPTIONS

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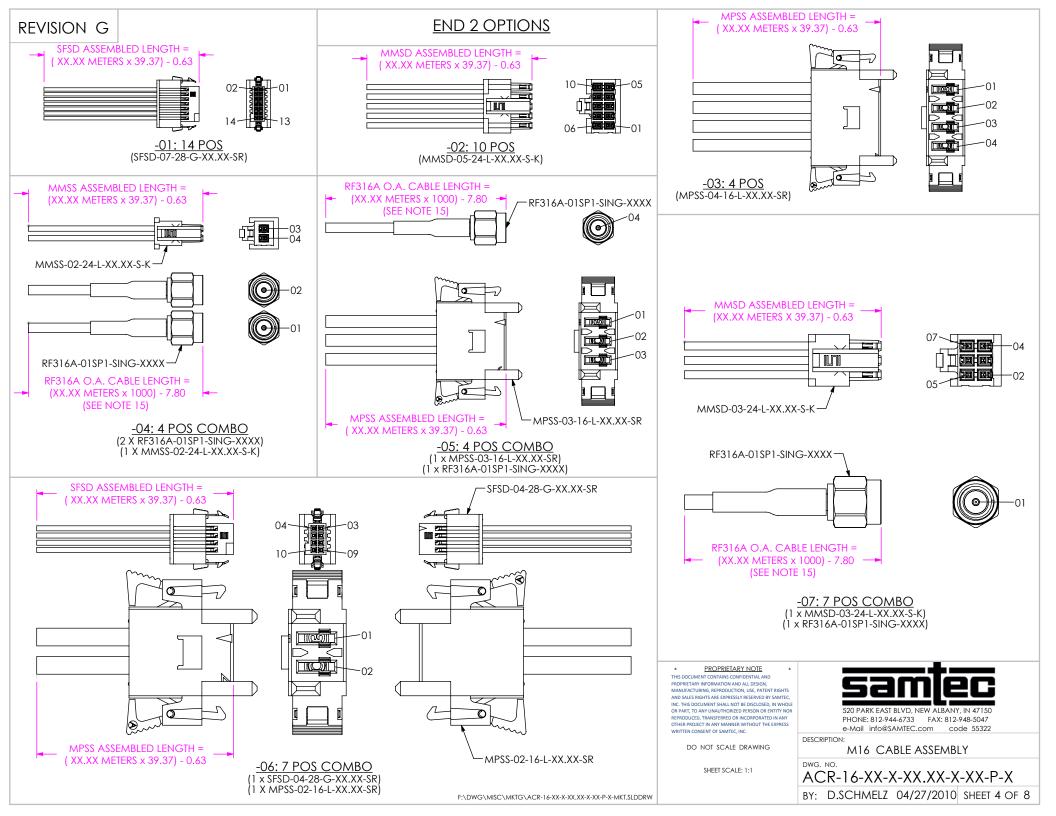
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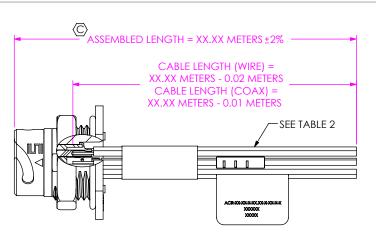
M16 CABLE ASSEMBLY

ACR-16-XX-X-XX.XX-X-XX-P-X

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REVISION G



-BC END OPTION

(BUILD DOUBLE-ENDED INTIALLY FOR E-TEST)
(SEE TABLE 2 FOR DWC CALLOUTS/SIGNAL MAPPING)
(SEE IN-PROCESS 7)

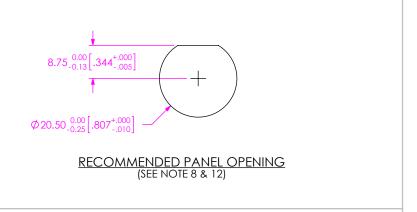


	TABLE 2														
LEAD STYLE															
POSITION	-01		-02		-03		-04		-05		-06		-07		
1 OSTHON	COLOR	CABLE PART #	COLOR	CABLE PART#	COLOR	CABLE PART#	COLOR	CABLE PART #	COLOR	CABLE PART#	COLOR	CABLE PART#	COLOR	CABLE PART #	
01	BROWN	DWC-28H-01-300	BROWN	DW C-24-01-300	BROWN	DW C-16-01-300	COAX	CCS-174525-01-CC	BROWN	DW C-16-01-300	BROWN	DW C-16-01-300	COAX	CCS-174525-01-CC	
02	RED	DWC-28H-02-300	RED	DW C-24-02-300	RED	DW C-16-02-300	COAX	CCS-174525-01-CC	RED	DW C-16-02-300	RED	DW C-16-02-300	RED	DWC-24-02-300	
03	ORANGE	DWC-28H-03-300	ORANGE	DW C-24-03-300	ORANGE	DW C-16-03-300	ORANGE	DW C-24-03-300	ORANGE	DW C-16-03-300	ORANGE	DWC-28H-03-300	ORANGE	DWC-24-03-300	
04	YELLOW	DWC-28H-04-300	YELLOW	DW C-24-04-300	YELLOW	DW C-16-04-300	YELLOW	DW C-24-04-300	COAX	CCS-174525-01-CC	YELLOW	DWC-28H-04-300	YELLOW	DWC-24-04-300	
05	GREEN	DWC-28H-05-300	GREEN	DW C-24-05-300						GREEN	DWC-28H-05-300	GREEN	DWC-24-05-300		
06	DARK BLUE	DWC-28H-06-300	DARK BLUE	DW C-24-06-300					į		DARK BLUE	DWC-28H-06-300	DARK BLUE	DWC-24-06-300	
07	VIOLET	DWC-28H-07-300	VIOLET	DW C-24-07-300						VIOLET	DWC-28H-07-300	VIOLET	DWC-24-07-300		
08	GRAY	DWC-28H-08-300	GRAY	DW C-24-08-300					[GRAY	DWC-28H-08-300			
09	WHITE	DWC-28H-09-300	WHITE	DW C-24-09-300		NA	NA			NA	WHITE	DWC-28H-09-300			
10	BLACK	DWC-28H-10-300	BLACK	DW C-24-10-300						144	BLACK	DWC-28H-10-300	1		
11	GREEN/BLACK	DWC-28H-11-300												NA	
12	TAN	DWC-28H-12-300	NA								NA				
13	DARK BLUE/YELLOW	DWC-28H-31-300													
14	PINK	DWC-28H-14-300													

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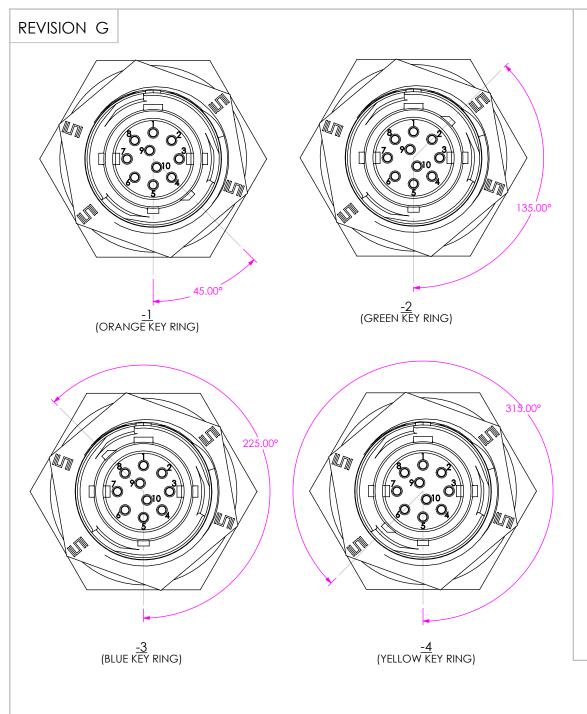
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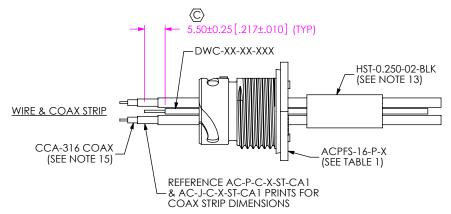
M16 CABLE ASSEMBLY

ACR-16-XX-X-XX.XX-X-XX-P-X

BY: D.SCHMELZ 04/27/2010 SHEET 5 OF 8



KEYING FEATURE (SEE NOTE 4)



IN-PROCESS 1
FEED CABLES FROM END 2 DISCRETE CABLE ASSEMBLY THROUGH HST-0.250-02-BLK (IF APPLICABLE) & ACPFS-16-P-X. STRIP CABLES TO DIMENSIONS SHOWN & TIN INNER CONDUCTORS. FOR -BC OPTION, FEED DWC/COAX & STRIP TO DIMENSION SHOWN. (SEE NOTE 15)

TABLE 1						
KEYING	SHELL PART#					
FEATURE	OTILLE PARTY					
-1	ACPFS-16-P-1					
-2	ACPFS-16-P-2					
-3	ACPFS-16-P-3					
-4	ACPFS-16-P-4					

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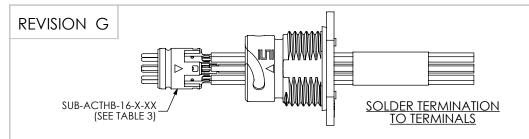


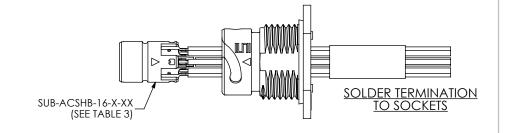
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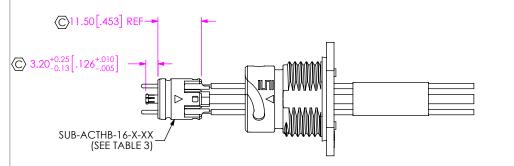
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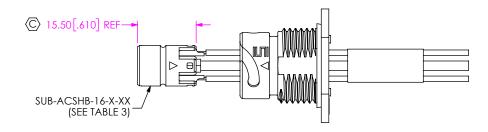
M16 CABLE ASSEMBLY

ACR-16-XX-X-XX.XX-X-XX-P-X BY: D.SCHMELZ 04/27/2010 SHEET 6 OF 8









COAX PLUG INSERTION AFTER TERMINATION, PUSH COAX PLUG INTO CORE UNTIL RETENTION BEAMS ENGAGE AND LOCK IT IN PLACE.

COAX JACK INSERTION

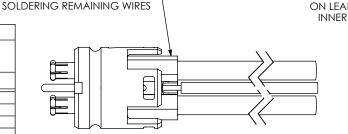
AFTER TERMINATION, PUSH COAX JACK INTO CORE
UNTIL RETENTION BEAMS ENGAGE AND LOCK IT IN PLACE.

IN-PROCESS 2 TERMINATE WIRES/COAX TO TERMINALS/SOCKETS (SEE AC-P-C-X-ST-CA1 & AC-J-C-X-ST-CA1 PRINTS FOR COAX TERMINATION)

(SEE NOTE 5)

ON LEADSTYLES -04, -05, & -07 TERMINATE & INSERT COAX PLUGS/JACKS BEFORE

TABLE 3 SUB-ASSEMBLY/HOLDER BODY PART # COAX PLUG/JACK PART # LEAD END1/END 2 **PLATING** STYLES -G -H AC-X-C-H-ST-CA1 QTY NA -01 -T SUB-ACTHB-16-G-01 SUB-ACTHB-16-H-01 NA -02 -T SUB-ACTHB-16-G-02 SUB-ACTHB-16-H-02 NΑ -03 -T SUB-ACTHB-16-G-03 SUB-ACTHB-16-H-03 AC-P-C-H-ST-CA1 -04 -T SUB-ACTHB-16-G-04 SUB-ACTHB-16-H-04 2 -05 -T SUB-ACTHB-16-G-05 SUB-ACTHB-16-H-05 AC-P-C-H-ST-CA1 1 -06 -T SUB-ACTHB-16-G-06 SUB-ACTHB-16-H-06 NA -07 SUB-ACTHB-16-G-07 SUB-ACTHB-16-H-07 AC-P-C-H-ST-CA1 -T NA -01 -S SUB-ACSHB-16-G-01 SUB-ACSHB-16-H-01 NA -02 -S SUB-ACSHB-16-H-02 SUB-ACSHB-16-G-02 -03 -S SUB-ACSHB-16-G-03 SUB-ACSHB-16-H-03 NA -04 -S SUB-ACSHB-16-G-04 SUB-ACSHB-16-H-04 AC-J-C-H-ST-CA1 2 AC-J-C-H-ST-CA1 -05 -S SUB-ACSHB-16-G-05 SUB-ACSHB-16-H-05 1 NA -06 -S SUB-ACSHB-16-G-06 SUB-ACSHB-16-H-06 -07 -S SUB-ACSHB-16-G-07 SUB-ACSHB-16-H-07 AC-J-C-H-ST-CA1



ON LEADSTYLES -01, -02, & -06 SOLDER INNER RING OF TERMINALS/SOCKETS FIRST AND THEN OUTER RING

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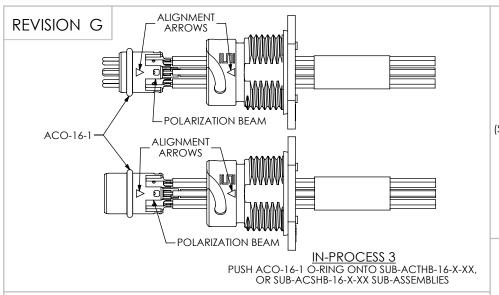
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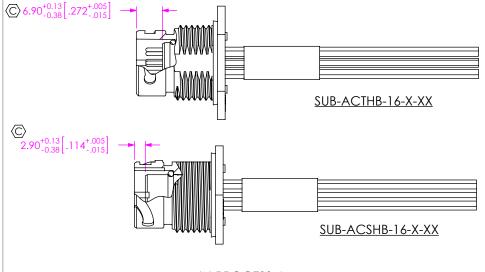
M16 CABLE ASSEMBLY

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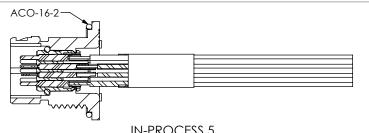
ACR-16-XX-X-XX.XX-X-XX-P-X
BY: D.SCHMELZ 04/27/2010 SHEET 7 OF 8

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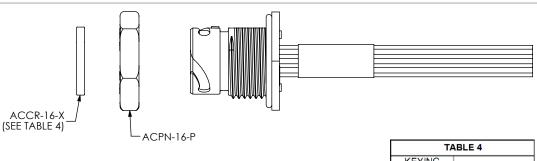




 $\underline{\text{IN-PROCESS 4}}$ While making sure alignment arrows line up to aid polarization beam ENGAGEMENT, INSERT SUB-ACXHB-16-X-XX SUB-ASSEMBLY INTO ACPFS-16-P-X UNTIL SNAP LOCKS ENGAGE

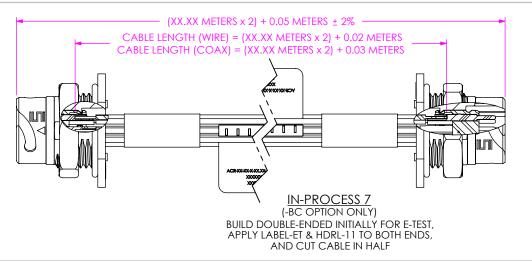


<u>IN-PROCESS 5</u> INSERT ACO-16-2 AROUND FLANGE



<u>IN-PROCESS 6</u> THREAD ACPN-16-P ONTO ACPFS-16-P-X STRETCH ACCR-16-X OVER ACPFS-16-P-X UNTIL IT SEATS IN GROOVE. ACTIVATE HEAT SHRINK TUBING.

TABLE 4					
KEYING FEATURE	ACCR-16-X				
-1 (ORANGE)	ACCR-16-1				
-2 (GREEN)	ACCR-16-2				
-3 (BLUE)	ACCR-16-3				
-4 (YELLOW)	ACCR-16-4				



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DESCRIPTION:

M16 CABLE ASSEMBLY

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