



SCPE-G-XX.XX-S BOM			
ITEM NO.	PART NUMBER	QTY	DESCRIPTION
1	ECA-02-02	XX XX	CABLE
2	MODP-01-8P8C-X-XX	2	CONNECTOR
3	SCN-17-01	1	CABLE NUT
4	MD-PTC-RF-640-BK	1	PREMOLD
5	MD-NYL-ZY-70G13-BK	1	OVERMOLD
6	LABEL-ET	1	LABEL ET
7	ETHB-02	1	ETHERNET BOOT

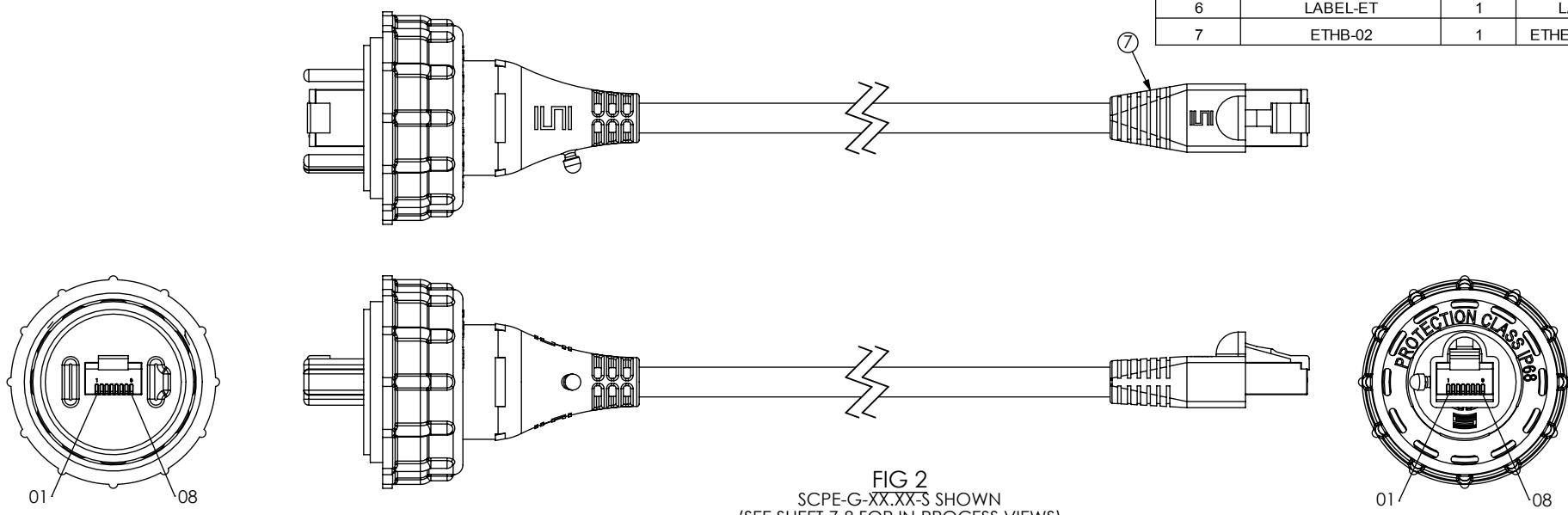


FIG 2  
SCPE-G-XX.XX-S SHOWN  
(SEE SHEET 7-8 FOR IN-PROCESS VIEWS)  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

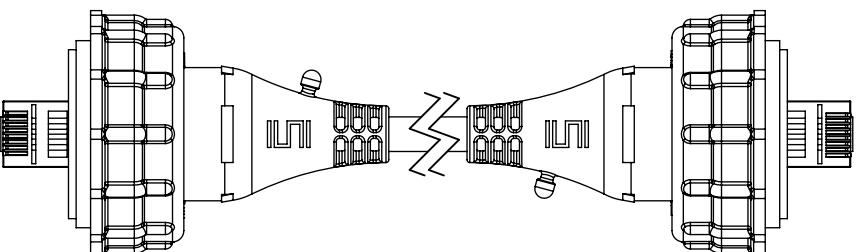


FIG 4  
SCPE-G-XX.XX-D-NP SHOWN  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

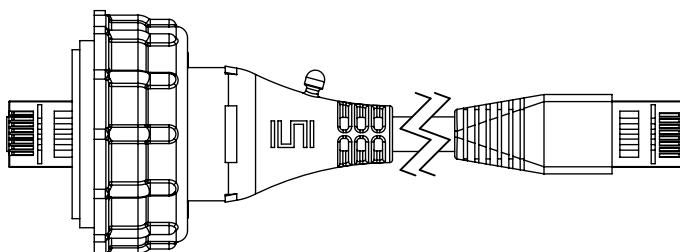


FIG 5  
SCPE-G-XX.XX-S-NP SHOWN  
(SAME AS FIG 2, UNLESS OTHERWISE STATED)

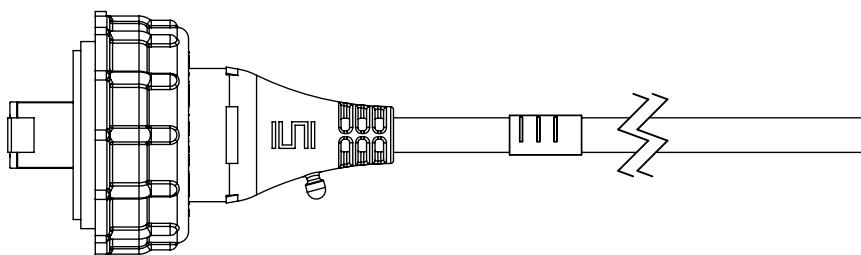
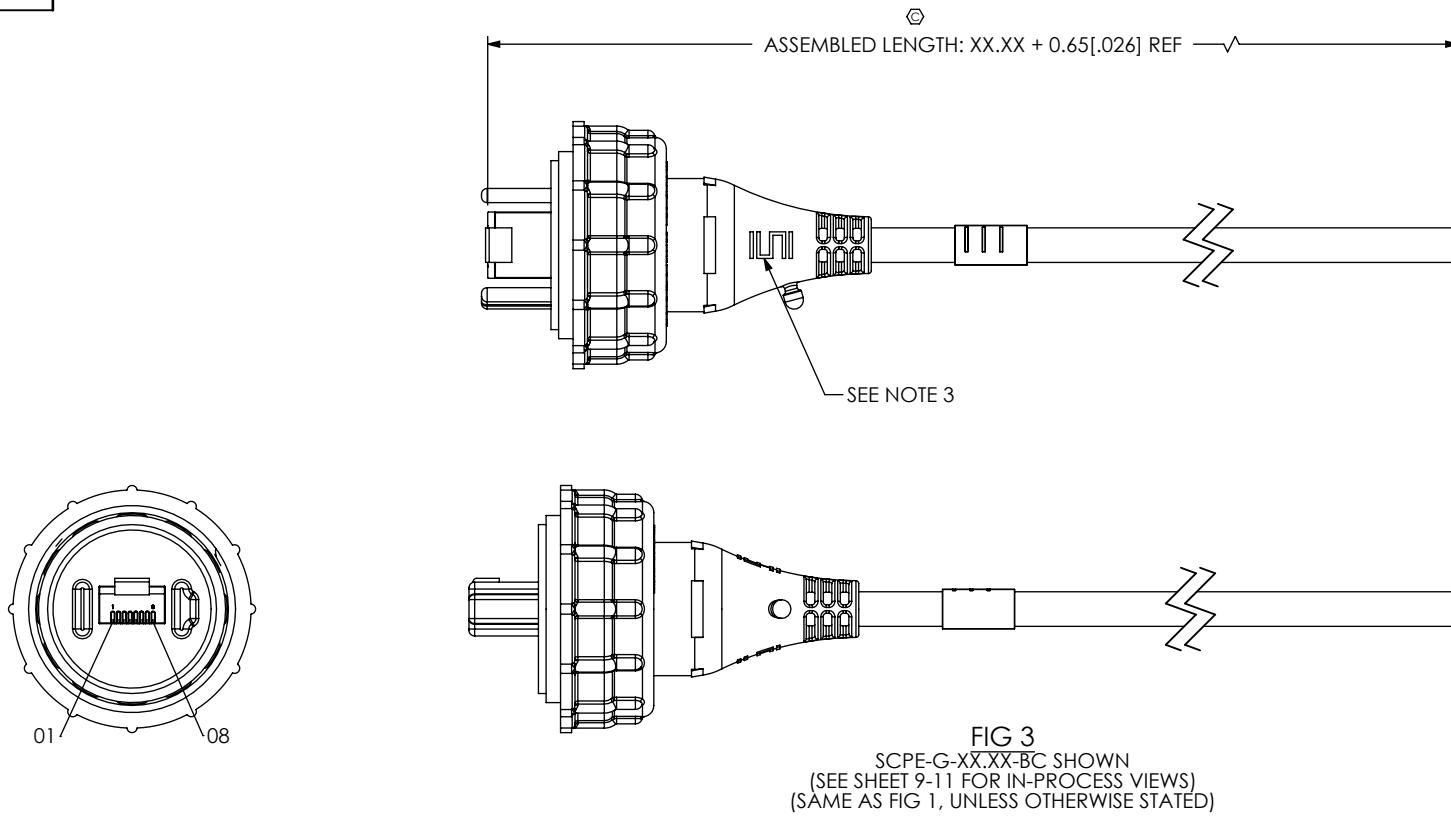
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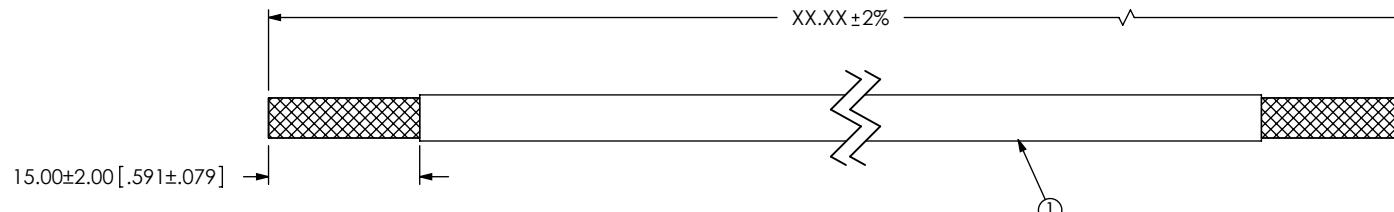
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PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
SEALED CIRCULAR CABLE PLUG, ETHERNET  
DWG. NO.  
SCPE-X-XX.XX-XX-X-XX

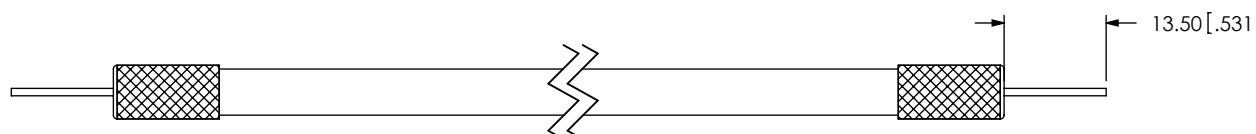
BY: CHAD F 12/11/2004 SHEET 2 OF 11



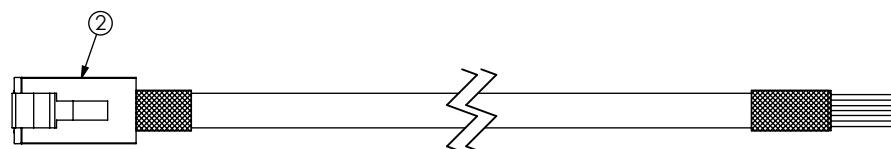
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-D IN-PROCESS 1  
(CUT CABLE TO LENGTH AND STRIP OUTER JACKET)

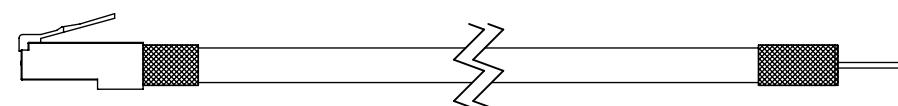
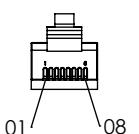


-D IN-PROCESS 2  
(FOLD SHIELD BACK OVER JACKET)



END 1

END 2



-D IN-PROCESS 3  
TERMINATE FIRST END TO CONNECTOR  
(SEE TABLE 3, SHT 5)

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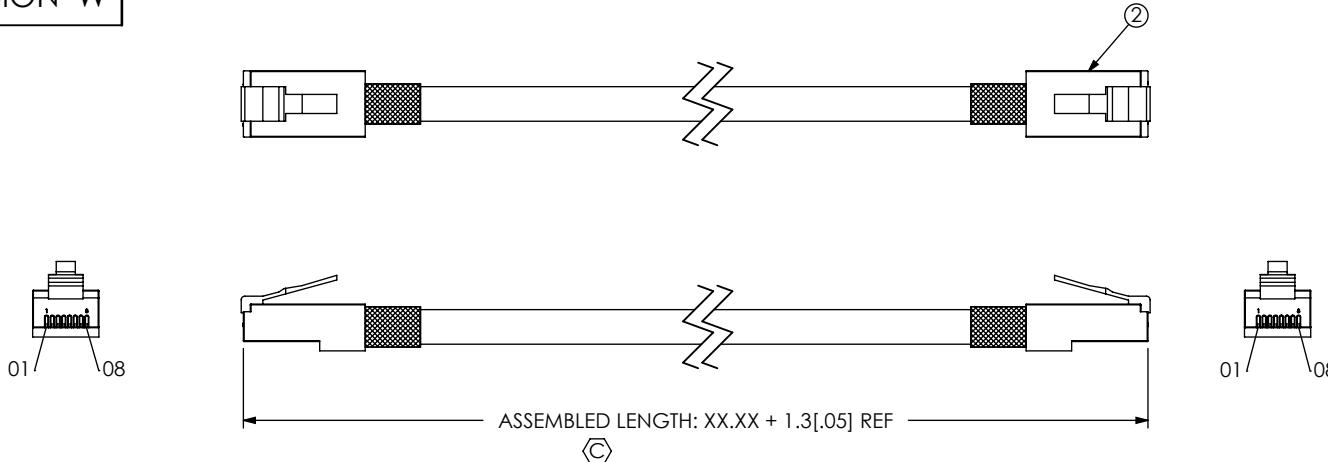
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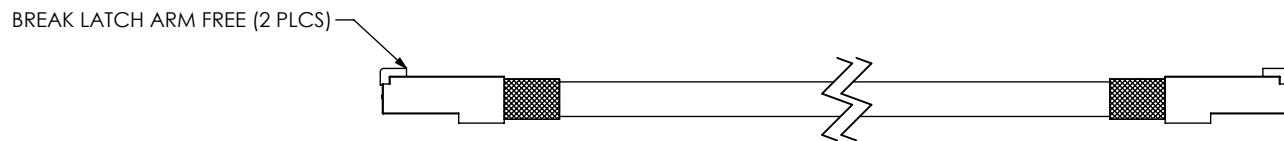
DWG. NO. SCPE-X-XX.XX-XX-X-XX

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REVISION W



-D IN-PROCESS 4  
TERMINATE SECOND END TO CONNECTOR  
(SEE NOTE 8)



-D IN-PROCESS 5  
REMOVE LATCH ARMS

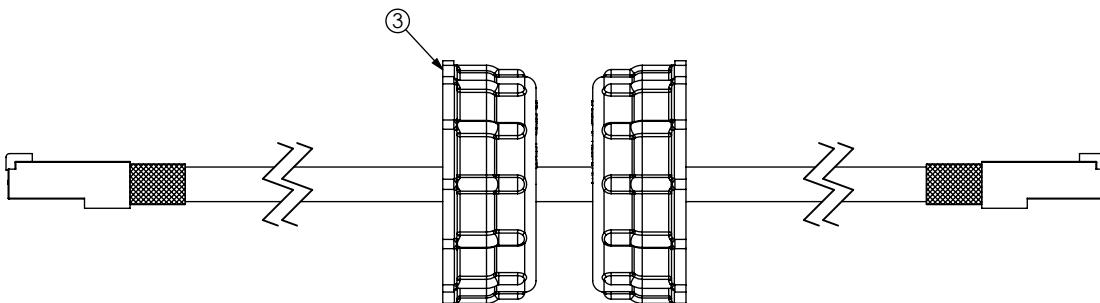


TABLE 3 - PIN-OUT

END 1 POS	COLOR	END 2 POS	
01	WHITE/ORANGE	01	TWISTING
02	ORANGE	02	
03	WHITE/GREEN	03	TWISTING
04	BLUE	04	
05	WHITE/BLUE	05	TWISTING
06	GREEN	06	
07	WHITE/BROWN	07	TWISTING
08	BROWN	08	
SHELL	BRAID	SHELL	

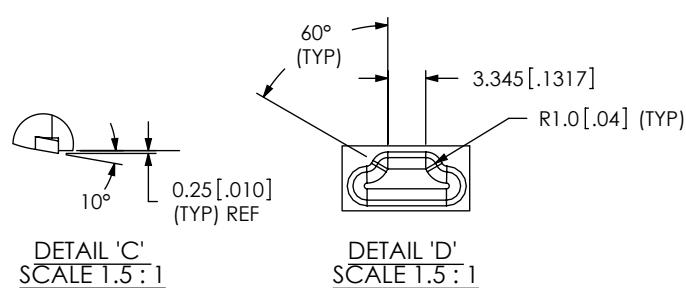
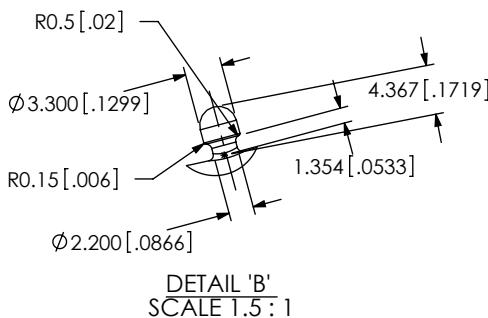
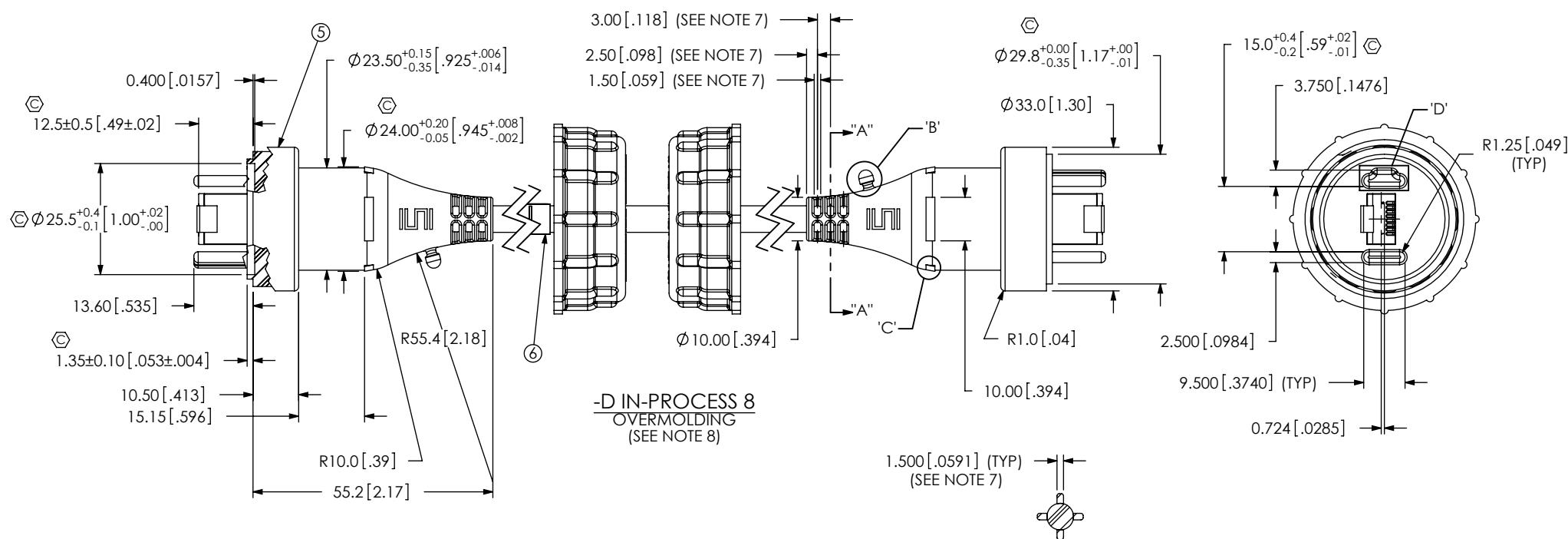
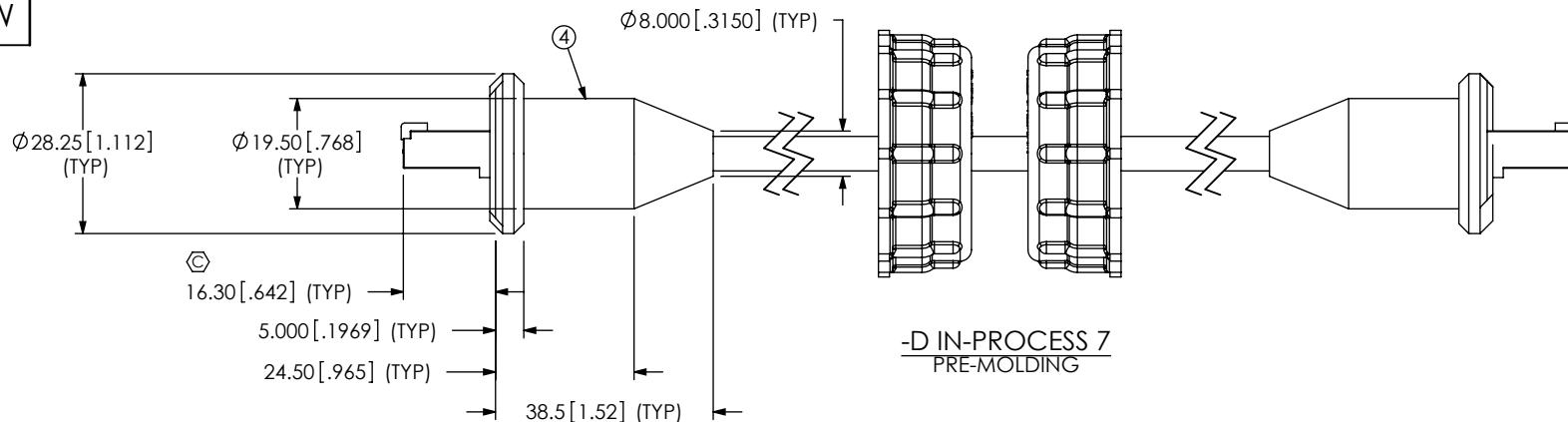
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e-Mail: [info@SAMTEC.com](mailto:info@SAMTEC.com) code 55322

DESCRIPTION:  
SEALED CIRCULAR CABLE PLUG, ETHERNET  
DWG. NO.  
SCPE-X-XX.XX-XX-X-XX  
BY: CHAD F 12/11/2004 SHEET 5 OF 11

REVISION W



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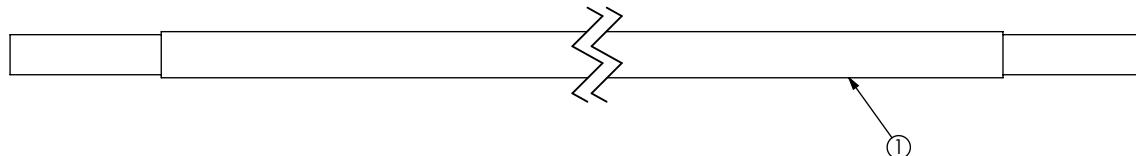
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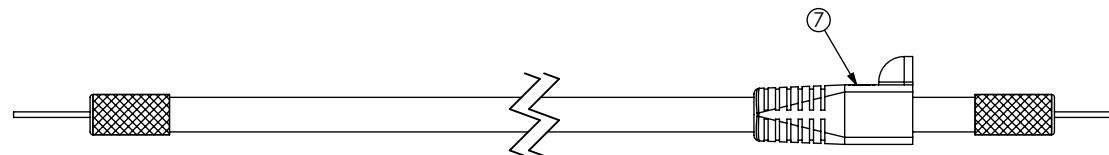
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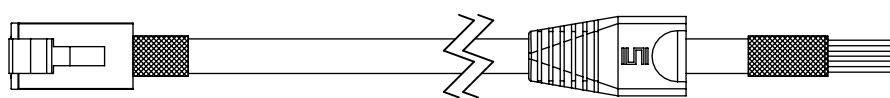
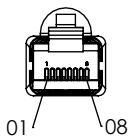
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-S IN-PROCESS 1  
 (CUT CABLE TO LENGTH AND STRIP OUTER JACKET)  
 (SAME AS -D IN-PROCESS 1, UNLESS OTHERWISE STATED)



-S IN-PROCESS 2  
 (FOLD SHIELD BACK OVER JACKET AND ASSEMBLE BOOT)  
 (SAME AS -D IN-PROCESS 2, UNLESS OTHERWISE STATED)

END 1END 2

-S IN-PROCESS 3  
 TERMINATE FIRST END TO CONNECTOR  
 (SAME AS -D IN-PROCESS 3, UNLESS OTHERWISE STATED)

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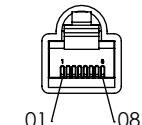
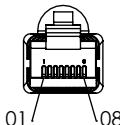
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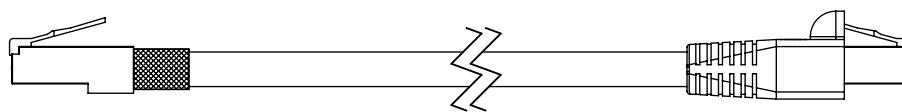
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DWG. NO. SCPE-X-XX.XX-XX-X-XX

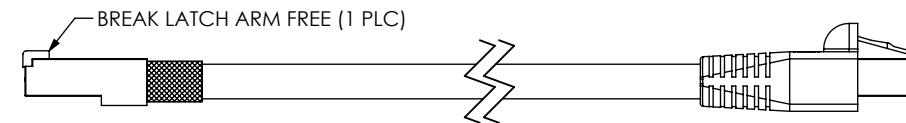
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**-S IN-PROCESS 4**  
TERMINATE SECOND END TO CONNECTOR  
(SAME AS -D IN-PROCESS 4, UNLESS OTHERWISE STATED)



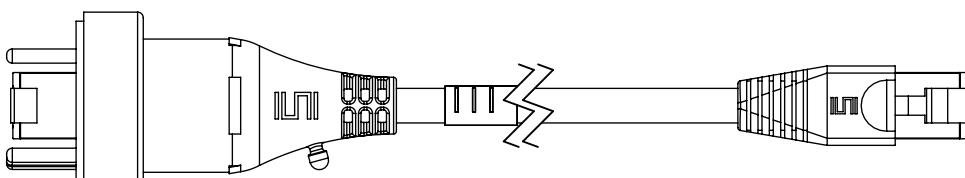
**-S IN-PROCESS 5**  
ASSEMBLE BOOT TO CONNECTOR



**-S IN-PROCESS 6**  
REMOVE LATCH ARM  
(SAME AS -D IN-PROCESS 5, UNLESS OTHERWISE STATED)



**-S IN-PROCESS 7**  
PREMOLDING  
(SAME AS -D IN-PROCESS 7, UNLESS OTHERWISE STATED)



**-S IN-PROCESS 8**  
OVERMOLDING  
(SAME AS -D IN-PROCESS 8, UNLESS OTHERWISE STATED)  
(SEE NOTE 8)

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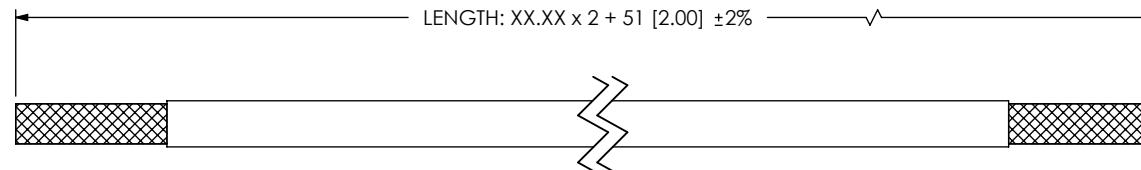
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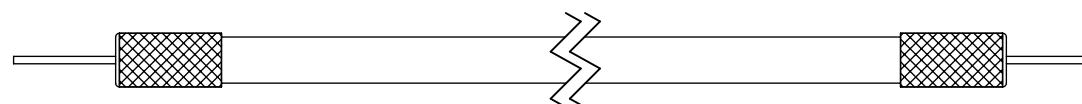
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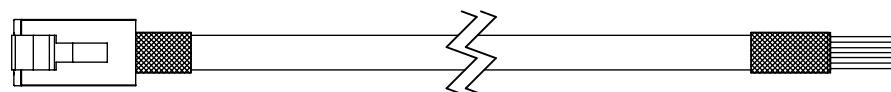
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**-BC IN-PROCESS 1**  
(CUT CABLE TO LENGTH AND STRIP OUTER JACKET)  
(SAME AS -D IN-PROCESS 1, UNLESS OTHERWISE STATED)

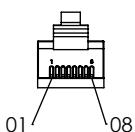
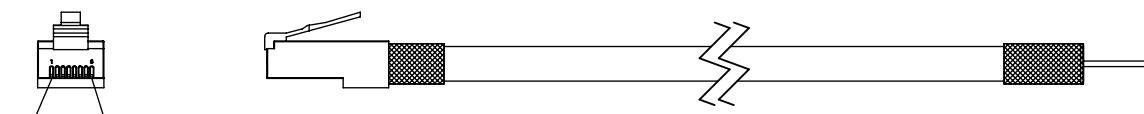


**-BC IN-PROCESS 2**  
(FOLD SHIELD BACK OVER JACKET)  
(SAME AS -D IN-PROCESS 2, UNLESS OTHERWISE STATED)



END 1

END 2



**-BC: BLUNT CUT  
IN-PROCESS 3**  
TERMINATE FIRST END TO CONNECTOR  
(SAME AS -D IN-PROCESS 3, UNLESS OTHERWISE STATED)

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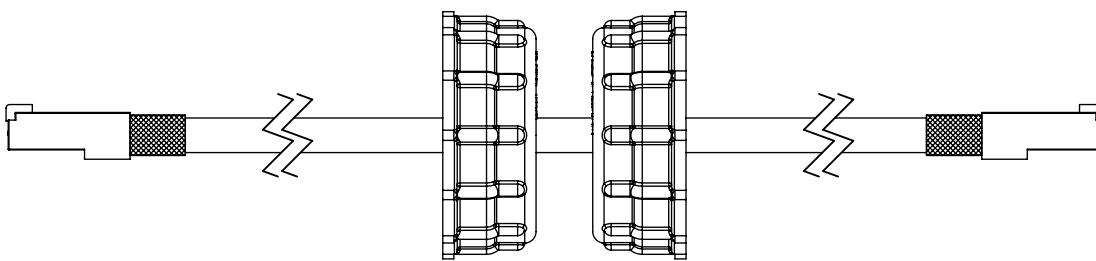
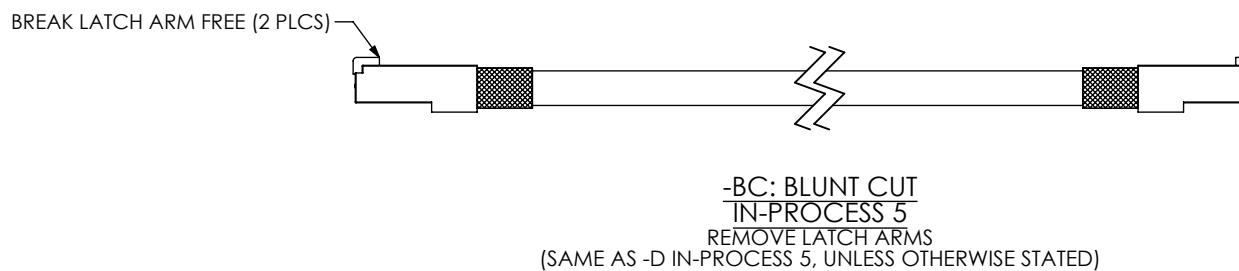
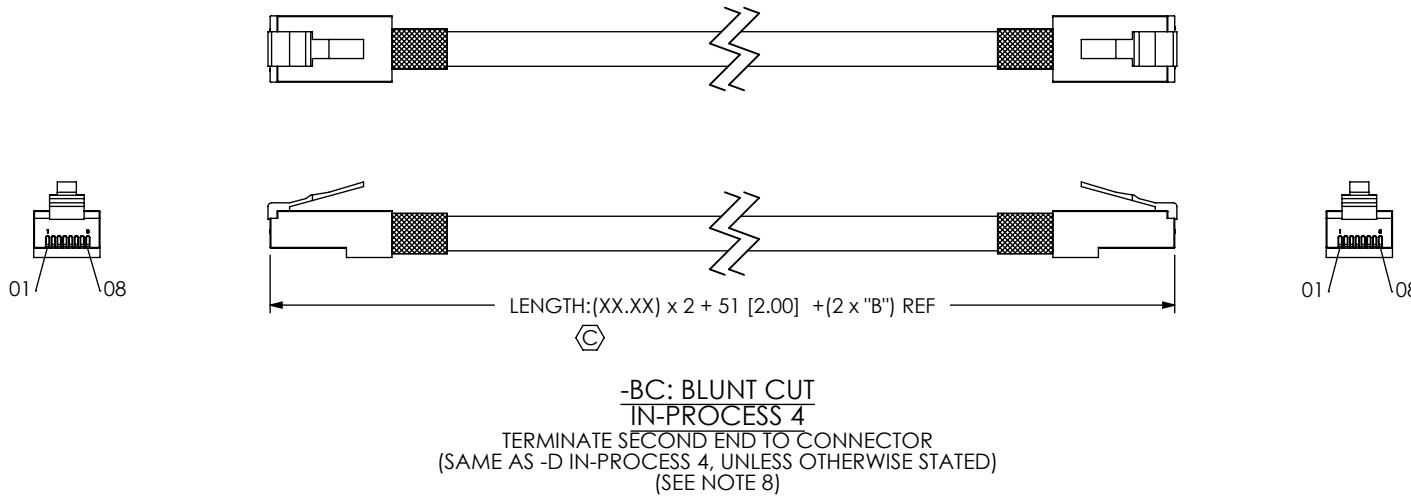
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DESCRIPTION: SEALED CIRCULAR CABLE PLUG, ETHERNET

DWG. NO.

**SCPE-X-XX.XX-XX-X-XX**

BY: CHAD F 12/11/2004 SHEET 9 OF 11



**-BC: BLUNT CUT**  
**IN-PROCESS 6**  
ADD CABLE NUT  
(SAME AS -D IN-PROCESS 6, UNLESS OTHERWISE STATED)

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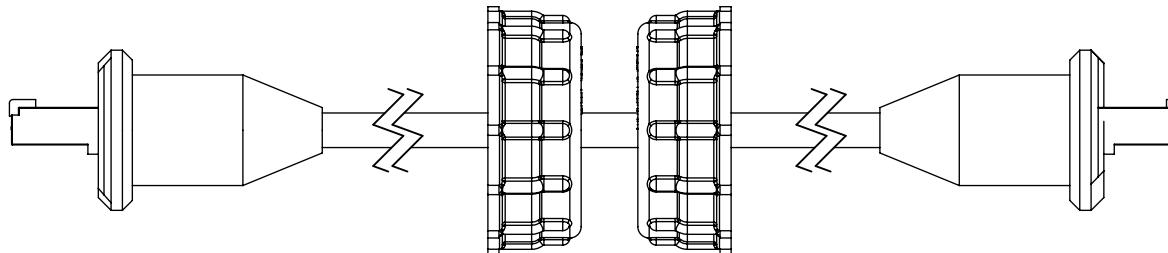
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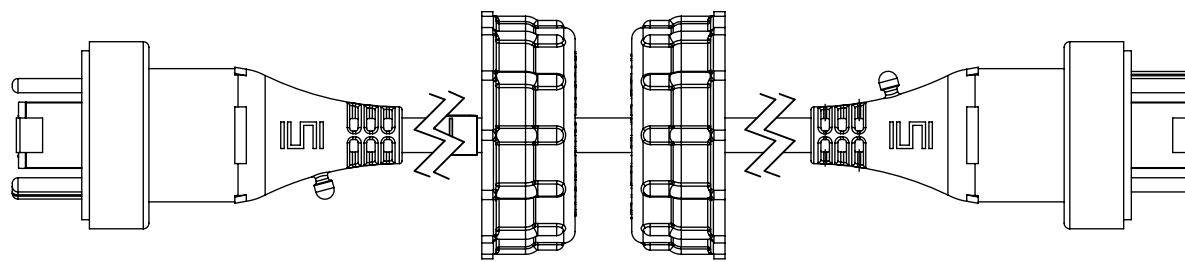
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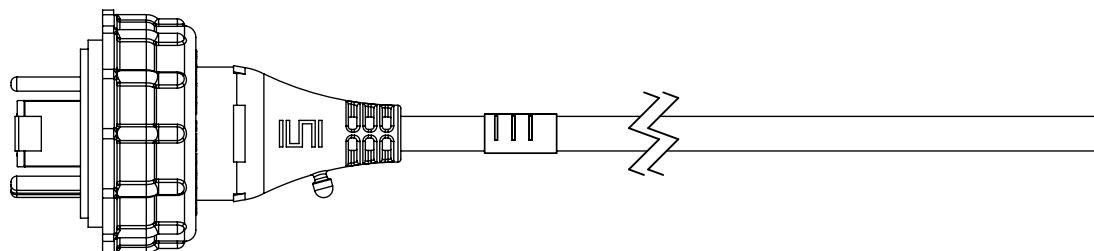
-BC: BLUNT CUT  
IN-PROCESS 7  
PRE-MOLDING

(SAME AS -D IN-PROCESS 7, UNLESS OTHERWISE STATED)



-BC: BLUNT CUT  
IN-PROCESS 8  
OVERMOLDING

(SAME AS -D IN-PROCESS 8, UNLESS OTHERWISE STATED)  
(SEE NOTE 8)



-BC: BLUNT CUT  
IN-PROCESS 9  
(CUT CABLE IN HALF AND TRIM TO LENGTH)

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DWG. NO.

SCPE-X-XX.XX-XX-X-XX

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