

REVISION

DESIGNED & DIMENSIONED  
IN MILLIMETERS [INCHES]

DCA-ACP-12-M-X

PLUG  
SIZE  
KEYING FEATURE COLOR  
(SEE TABLE 1)  
-1: ORANGE  
-2: GREEN  
-3: BLUE  
-4: YELLOW  
METAL

0	DS	C FAITH
1/19/2011 ECN-146922 ISSUE FOR REVIEW		
1	RL	N PATTERSON
2/16/2011 ECN-148643 CHG FILE NAME AND CALL OUT FROM DCA-12-M-E-X TO DCA-ACP-12-M-X; CALL OUT: CHG "EXTERNAL CABLE" TO "PLUG"; FRONT VIEW: CHG DC-12-M-E TO DC-ACP-12-M; MATERIAL BOX: CHG DC-12-M-E TO DC-ACP-12-M.		
2	JB	N PATTERSON
7/14/2011 ECN-158436 SECTION "A"-A: CHG C1-D-SG TO C1-D-DG; CHG 8.90 ± 0.08 TO 8.90 ± 0.30		
3	CW	T Newton
2/21/2012 ECN-172416 CALL OUT: CHG "COLOR" TO "KEYING FEATURE COLOR"; FRONT VIEW: ADD 98.8 [3.89] REF, REMOVE 84.50; CHG 17.0 [0.669] TO 17.0 [0.67]; CHG 10.10 [398] TO 9.5 [37]; CHG 11.7 [461] TO 11.5 [45]; TABLE 1: CHG COLUMN "COLOR KEY" TO "KEYING FEATURE COLOR", MAT'L BLOCK: CHG "RUBBER" TO "SILICONE".		
A	GP	T Newton
6/20/2012 ECN-180304 RELEASE FOR PRODUCTION; NOTES: ADD NOTE 3.		

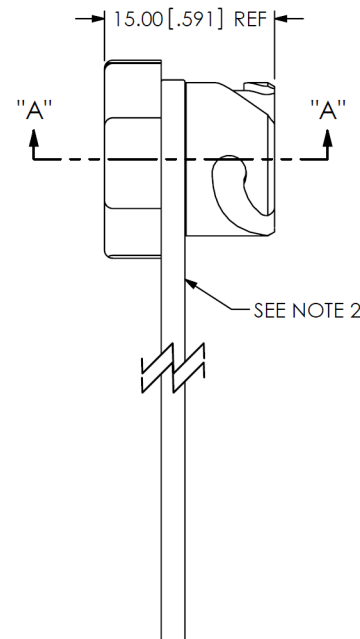
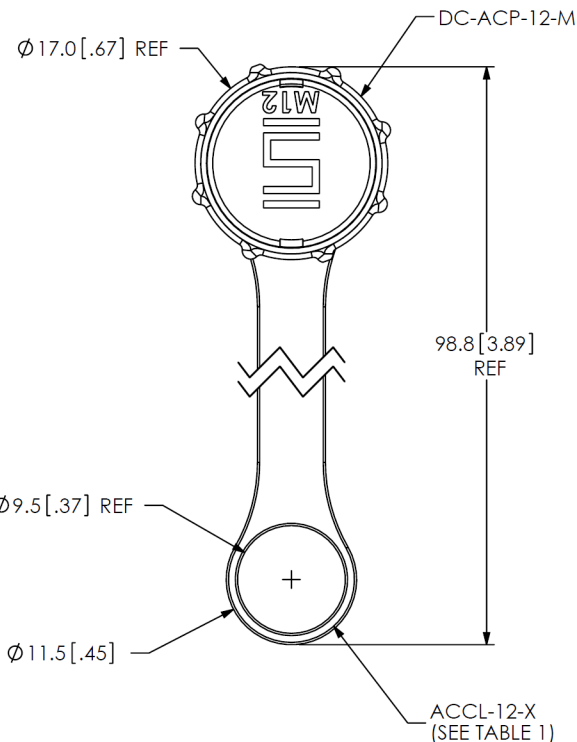
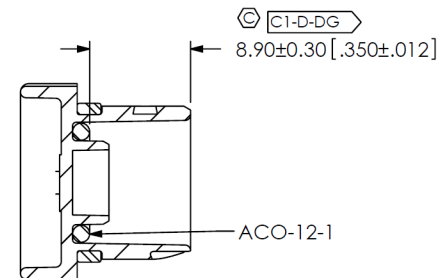
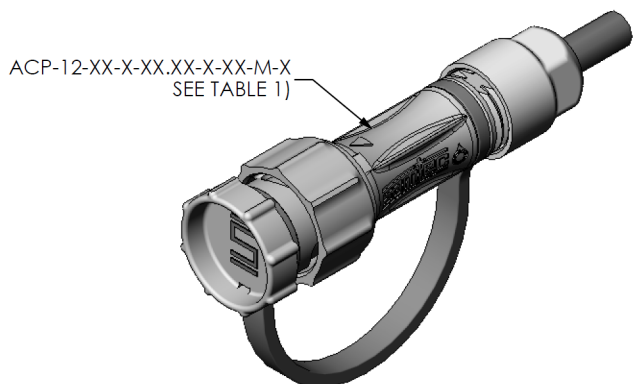


TABLE 1

CORRESPONDING CABLE PART NUMBER	KEYING FEATURE COLOR	ACCL-12-X
ACP-12-XX-X-XX.XX-X-XX-M-1	-1	ACCL-12-1
ACP-12-XX-X-XX.XX-X-XX-M-2	-2	ACCL-12-2
ACP-12-XX-X-XX.XX-X-XX-M-3	-3	ACCL-12-3
ACP-12-XX-X-XX.XX-X-XX-M-4	-4	ACCL-12-4

APPLICATION VIEW



SECTION "A"-A"

NOTES:

- ① REPRESENTS A CRITICAL DIMENSION.
- ACCL-12-X MUST SEAT IN GROOVE IN DC-ACP-12-M.
- PARTS TO BE BULK PACKAGED.

A

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE

ASSEMBLY OPERATION	IN-PROCESS INSPECTION INSPECT CODE D
ADD ACO-12-1	C1
ADD ACCL-12-X	C2

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE: DECIMALS ANGLES X.X: ±0.3 [.01] 2° X.XX: ±0.08 [.003] X.XXX: ±0.051 [.0020]	PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.
MATERIAL: DO NOT SCALE DRAWING DC-ACP-12-M: ZINC ALLOY ACCL-12-X: SILICONE ACO-12-1: SILICONE	SHEET SCALE: 1:5:1

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DESCRIPTION: M12 CABLE DUST CAP METAL

DWG. NO. DCA-ACP-12-M-X

BY: D.SCHMELZ 09/16/2010 SHEET 1 OF 1



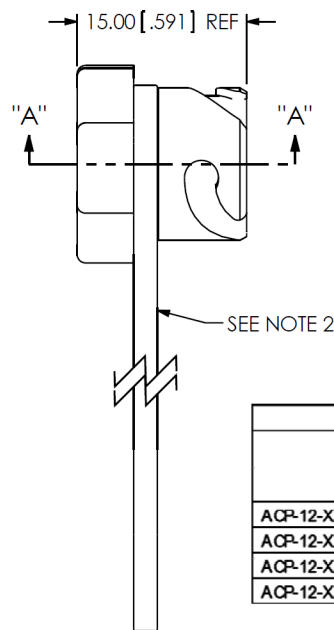
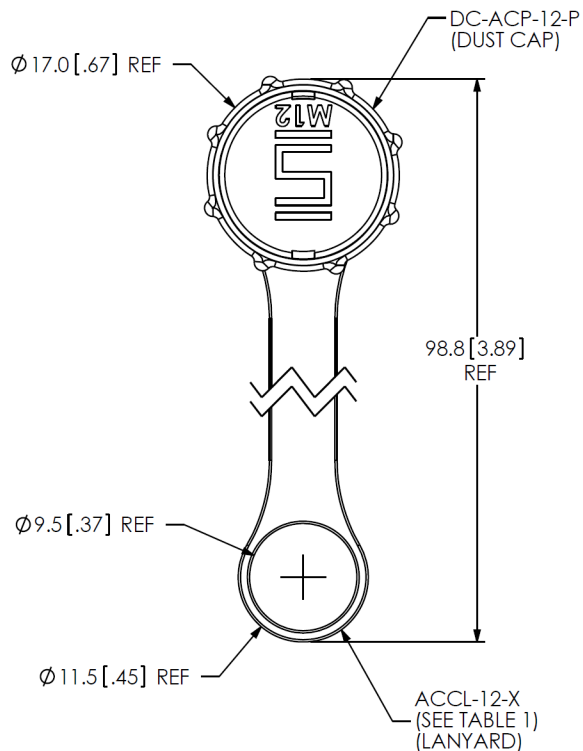
REVISION

A GP T Newton  
6/27/2012 ECN-180850  
RELEASE FOR PRODUCTION.

DESIGNED & DIMENSIONED  
IN MILLIMETERS [INCHES]

DCA-ACP-12-P-X

PLUG  
SIZE  
KEYING FEATURE COLOR  
-1: ORANGE  
-2: GREEN  
-3: BLUE  
-4: YELLOW  
PLASTIC

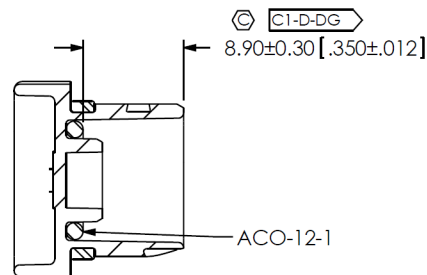
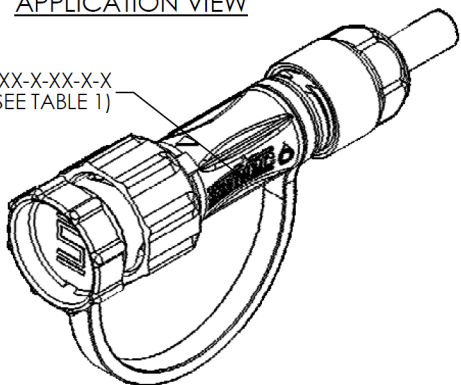


**TABLE 1**

CORRESPONDING CABLE PART NUMBER	KEYING FEATURE COLOR	ACCL-12-X
ACP-12-XX-X-XX.XX-X-XX-O-1	-1	ACCL-12-1
ACP-12-XX-X-XX.XX-X-XX-O-2	-2	ACCL-12-2
ACP-12-XX-X-XX.XX-X-XX-O-3	-3	ACCL-12-3
ACP-12-XX-X-XX.XX-X-XX-O-4	-4	ACCL-12-4

APPLICATION VIEW

ACP-12-XX-X-XX.XX-X-XX-X-X  
(SEE TABLE 1)



SECTION "A"- "A"



NOTES:

1.  $\text{C}$  REPRESENTS A CRITICAL DIMENSION.  
2. ACCL-12-X MUST SEAT IN GROOVE IN DC-ACP-12-P.

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE

ASSEMBLY OPERATION	IN-PROCESS INSPECTION INSPECT CODE D
ADD ACO-12-1	C1
ADD ACCL-12-X	C2

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:  
DECIMALS ANGLES  
X.X: ±0.3 [.01] 2°  
X.XX: ±0.08 [.003]  
X.XXX: ±0.051 [.0020]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:5:1  
DC-ACP-12-P: NYLON, COLOR: BLACK  
ACCL-12-X: SILICONE  
ACO-12-1: SILICONE

DESCRIPTION: M12 CABLE DUST CAP

DWG. NO. DCA-ACP-12-P-X

BY: D.SCHMELZ 09/16/2010 SHEET 1 OF 1