

southco		PROPRIETARY ITEM - EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING, INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS PATENT AND OTHERWISE ARE RESERVED BY SOUTHCO, INC.		CAM LOCK, FLAT KEY STYLE, SEALED			DATE 25SEP2007	DRAWN KPL	CHKD MJS	SCALE 1:1	DRAWING NUMBER J-CM-99-201-M
REV	DATE	DRAWN/CHKD	DESCRIPTION								INCHES
											ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.
											THIRD ANGLE PROJECTION
											B PAPER SIZE

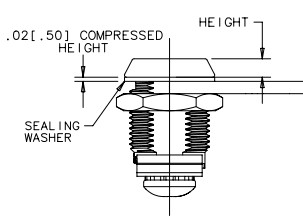
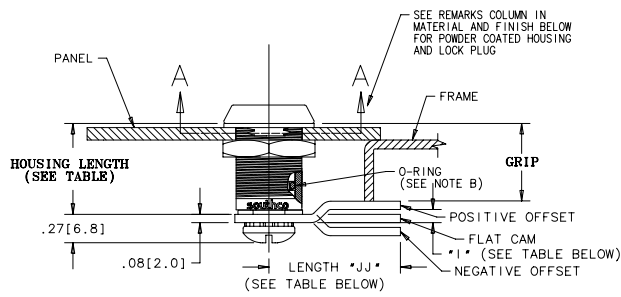
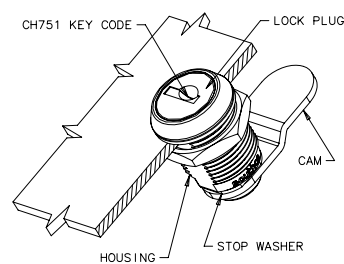
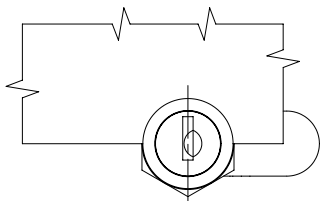
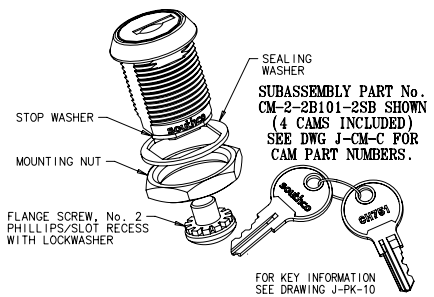
ASSEMBLY PART NUMBER
CM-99-20X

HOUSING LENGTHS
1 = .625[15.9]
2 = .875[22.2]

- NOTES:
A. SAME AS CM-2-XB101-2SB EXCEPT SHIPPED WITH FOUR CAMS (CM-C010, CM-C210, CM-C410 & CM-C610).
B. FOR INSTALLATION AND PANEL PREPARATION SEE SHEET 2.

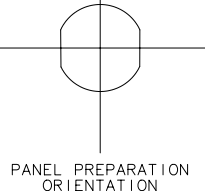
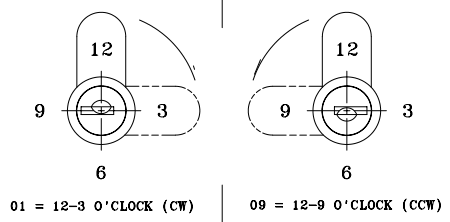
CAM PART NUMBER : CM-ZIJJ
EXAMPLE -- CM-C010
(NO HOOK, STRAIGHT, 1.250[31.8] LONG)

Z	CAM TYPE	I	OFFSET ±.010[±.3]	J J	LENGTH ±.020[±.5]
C	NO HOOK	0	STRAIGHT	06	.750[19.1]
		2	.125[3.2]	07	.875[22.2]
		4	.250[6.4]	10	1.250[31.8]
		6	.375[9.5]	14	1.750[44.5]



12	12	12	12
9	9	9	9
6	6	6	6
3	3	3	3
01	01	01	01
09	09	09	09
03	03	03	03
06	06	06	06

CAM ROTATION DIRECTION



MATERIAL AND FINISH

COMPONENT	MATERIAL DESCRIPTION	FINISH DESCRIPTION	REMARKS
LOCK PLUG BODY	DIE CAST ZINC	TRIVALENT CHROMATE CONV. COATED	
HOUSING	DIE CAST ZINC	CHROME PLATED TRIVALENT CHROMATE CONV. COATED & POWDER COATED	HEAD POWDER COATED ABOVE SECTION A-A
CAM	STEEL	ZINC PLATE, BRIGHT CHROMATE CONV. COATING	
O-RING	NITRILE	BLACK	
SEALING WASHER	NATURAL RUBBER(80°)	BLACK	
STOP WASHER	STEEL	ZINC PLATE, BRIGHT CHROMATE CONV. COATING	
SCREW WITH LOCKWASHER	STEEL	ZINC PLATE, BRIGHT CHROMATE CONV. COATING	
MOUNTING NUT	DIE CAST ZINC	TRIVALENT CHROMATE CONV. COATING	
LOCKPLUG SCALP	STAINLESS STEEL	NATURAL	
SHUTTER	BRASS	NICKEL PLATE	
SHUTTER SPRING	STEEL ALLOY	HEAT TREAT	
WAFERS	BRASS	NATURAL	
WAFER SPRINGS	STAINLESS STEEL	NATURAL	

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							25SEP2007	KPL	MJS	1:1	J-CM-99-201-M
REV	DATE	DRAWN/CHKD	DESCRIPTION								I NCHES
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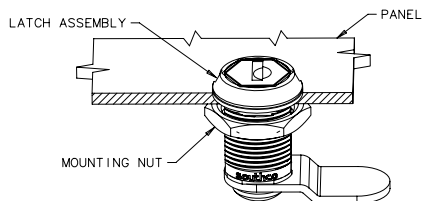
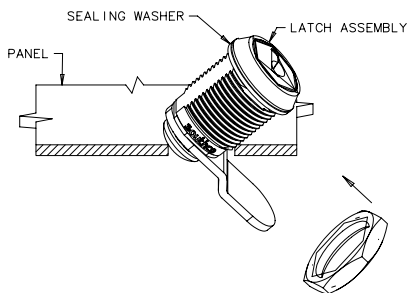
NOTES:
 A. FOR LATCH ASSEMBLY PART NUMBERS, MATERIAL AND FINISH SEE DRAWING J-CM-99-201.
 B. FOR CAM PART NUMBERS SEE DRAWING J-CM-C.

SHEET 2 OF 2

INSTALLATION METHOD 1

USE WHEN CAM IS ASSEMBLED TO LATCH ASSEMBLY.

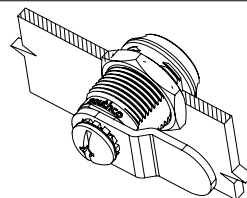
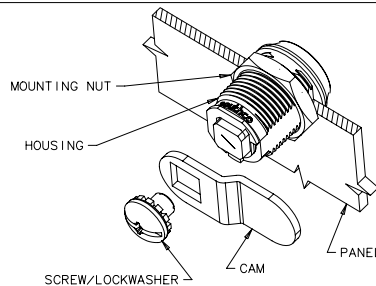
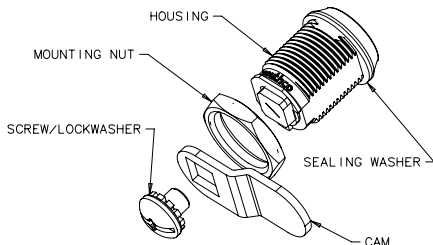
1. PLACE SEALING WASHER ONTO LATCH HOUSING.
2. TILT LATCH THROUGH MOUNTING HOLE.
3. INSTALL MOUNTING NUT AND TIGHTEN TO 5 N·m (44 IN-LBS) MAX.



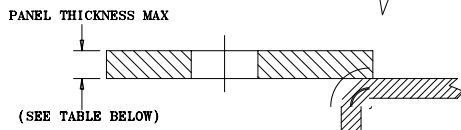
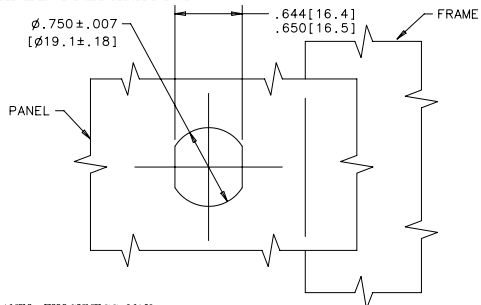
INSTALLATION METHOD 2

SUGGESTED IF CAM ORDERED SEPARATELY OR IF PART CAN NOT BE INSTALLED AS AN ASSEMBLY.

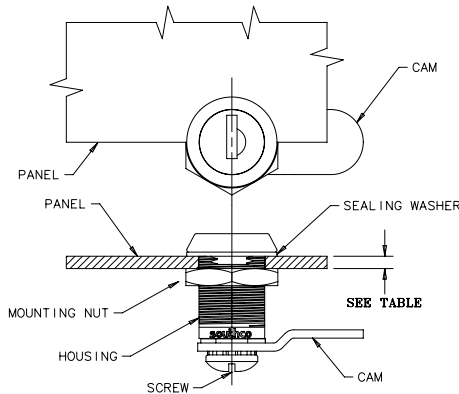
1. REMOVE SCREW FROM HOUSING SUBASSEMBLY.
2. PLACE SEALING WASHER ONTO LATCH HOUSING AND PLACE LATCH THROUGH MOUNTING HOLE.
3. INSTALL MOUNTING NUT AND TIGHTEN TO 5 N·m (44 IN-LBS) MAX.
4. INSTALL CAM TO LATCH ASSEMBLY. REFER TO J-CM-2 FOR CAM ROTATION ILLUSTRATIONS FOR PROPER ORIENTATION.
5. INSTALL SCREW; TIGHTEN TO 4 N·m (35.4 IN-LBS) MAX WITH A No. 2 PHILLIPS DRIVER.



PANEL PREPARATION



HOUSING LENGTH	MAX PANEL THICKNESS
1- .625 [15.9]	.281 [7.1]
2- .875 [22.2]	.531 [13.5]



SEE TABLE