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RELEASE FOR PRODUCTION

10/20/01 SNH

54804 DM

CODE REV VER ZONE

DESCRIPTION OF REVISION(S)

DATE/EA BY

QUALITY SYMBOL DEFINITIONS

CRITICAL DESIGN MAJOR HIGHLIGHT PARAMETER

THESE QUALITY SYMBOLS SHALL BE INTERPRETED PER THE LATEST REVISION OF THE SUPPLIER QUALITY REQUIREMENTS.

DESIGNED BY DATE  
STEVE HOMER 09/25/01

DRAFTED BY DATE  
STEVE HOMER 09/25/01

CHECKED BY DATE  
ERIK MATTSON 09/25/01

DESIGN APPROVED BY DATE  
ERIK MATTSON 09/25/01

ENGINEERING APPROVED BY DATE  
DAVE BARKER 09/25/01

CAD RELEASED BY DATE  
C. MILICI 10/23/01

ENGINEERING AUTHORIZATION DATE  
54804 10/20/01

DO NOT SCALE DRAWING SCALE  
THIS DRAWING NTS



Eaton Corporation  
Vehicle Switch/  
Electronics Division  
Downers Grove, Illinois  
60515-5429

DRAWING TITLE

DETENT SPRING & PLUNGER

SIZE

MATERIAL

XXXXXX-XXXXX

C

EXPERIMENTAL NUMBER

DRAWING NUMBER

741-79378

REV.

A

SHEET 1 OF 1

CAD DATABASE FILENAME: 741-79378-dt\_a

METRIC

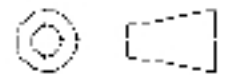
ALL DIMENSIONS ARE SPECIFIED IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.

TOLERANCES UNLESS OTHERWISE SPECIFIED

1 PLACE DECIMAL 0.0 ± 0.25 \*P

2 PLACE DECIMAL 0.00 ± 0.13 \*P

ALL ANGLES 00 ± 0°



THIRD ANGLE PROJECTION

NOTICE TO PERSONS RECEIVING THIS DRAWING AND/OR TECHNICAL INFORMATION

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DIMENSIONAL SPECIFICATIONS

ITEM DESCRIPTION	ITEM #	SPECIFICATION	UNITS
INSIDE DIAMETER	DI	1.80	mm
OUTSIDE DIAMETER *	DO	2.80	mm
FREE LENGTH	LO	12.34±.5	mm
MAXIMUM SOLID LENGTH *	LS	7.3	mm
WIRE DIAMETER	DW	0.36	mm

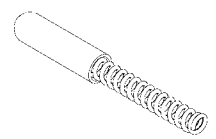
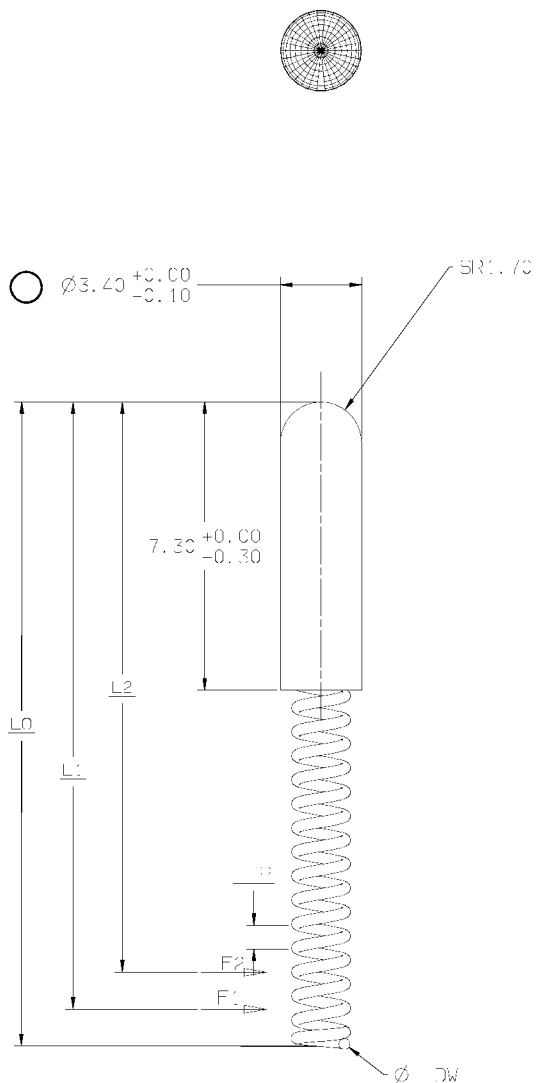
FUNCTIONAL SPECIFICATIONS

ITEM DESCRIPTION	ITEM #	SPECIFICATION	UNITS
LOAD AT HEIGHT L1	F1	5.00±.20	n
-	-	-	n
DEFLECTION HEIGHT	L1	8.7	mm
-	-	-	mm
SPRING CONSTANT *	K	-	n/mm

PHYSICAL SPECIFICATIONS ( CLOSED / NOT GROUND )

ITEM DESCRIPTION	ITEM #	SPECIFICATION	UNITS
WINDING DIRECTION *		VENDOR OPTION	
TOTAL COILS *	NT	11.0	
ACTIVE COILS *	NA	-	
PITCH *	P	-	mm
SPRING INDEX *	S	-	
MEAN RADIUS *	RM	-	mm
SPRING MATERIAL		MUSIC WIRE	
CAP MATERIAL		STEEL NICKEL PLATE	

\* REFERENCE INFORMATION ONLY, DIMENSIONAL TOLERANCE NOT APPLIED



SCALE 4:1

QUALITY CONTROL DEFINITIONS:  
 ○ CRITICAL ○ NON-CRITICAL ○ UNCONTROLLED  
 THESE QUALITY SYMBOLS SHALL BE INTERPRETED WITH THE LATEST REVISION OF THE APPLICABLE QUALITY REQUIREMENTS.  
**METRIC** ALL DIMENSIONS ARE SPECIFIED IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.  
 TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 \* FRACTIONS: 1/16" ± 0.015"  
 \* PLACES DECIMAL: 0.00 ± 0.015"  
 \* ALL ANGLES: 0.02 ± 0.01"  
 THREE ANGLE PROJECTION  
 NOTICE TO PERSONS RECEIVING THIS DRAWING AND/OR TECHNICAL INFORMATION:  
 EATON CORPORATION, PLAINS, PROPERLY OWNS THE MATERIAL DESCRIBED HEREON. THIS DRAWING AND/OR TECHNICAL INFORMATION IS ISSUED IN CONFIDENCE FOR ENGINEERING INFORMATION ONLY AND MAY NOT BE REPRODUCED OR USED TO MANUFACTURE, WITHOUT WRITTEN APPROVAL OF EATON. EIGHT EIGHT THREE SEVEN FROM EATON CORPORATION TO THE "EATON" THIS DRAWING AND/OR TECHNICAL INFORMATION IS THE PROPERTY OF EATON CORPORATION. IT IS LOANED FOR YOUR ASSISTANCE. TO BE RETURNED WHEN ITS SERVICE HAS BEEN COMPLETED.

DESIGNED BY: STEVE HOMER DATE: 09/25/01  
 CHECKED BY: STEVE HOMER DATE: 09/25/01  
 ENGINEER APPROVED BY: ERIK MATTSSON DATE: 09/25/01  
 ENGINEER APPROVED BY: JAYE BARKER DATE: 09/25/01  
 DATE RELEASED BY: C. WILICHI DATE: 10/23/01  
 EATON CORPORATION  
 DETENT SPRING & PLUNGER  
 MATERIAL: XXXXX-XXXXX  
 EXPERIMENTAL NUMBER: -  
 DRAWING NUMBER: 741-79378  
 SHEET 1 OF 1  
 CAJ DATABASE FILENAME: 741-79378-01.DWG

OCTOBER 23, 2001 09:32:05  
 GMHEC000003204  
 1 FRAME 101111

REFERENCE: XXX-XXX