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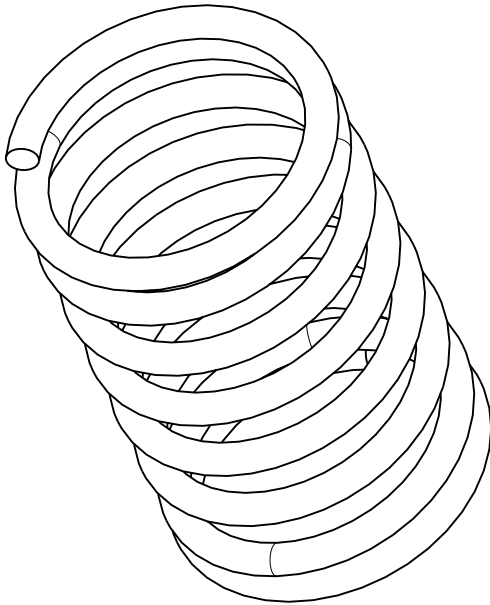
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NOTES

1. APPLICABLE STANDARDS/SPECIFICATIONS:  
A. MIL-W-13855
2. MATERIAL: WIRE, STAINLESS STEEL, TYPE 631, (17-7PH), COLD DRAWN, ASTM A313.
3. PRECIPITATION HEAT TREAT AFTER FORMING TO CONDITION CH900. HOLD AT 900°F ±10° FOR 1 HOUR. AIR COOL.
4. BREAK SHARP EDGES .003 +.012.
5. QUALITY ASSURANCE PROVISION REQUIREMENTS PER DRAWING 12993884 APPLY.
6. PROTECTIVE FINISH: 5.4.1 OF MIL-STD-171.



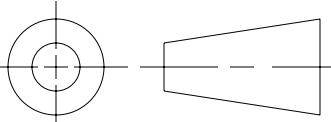
SPRING, HELICAL, COMPRESSION	
WIRE DIAMETER	.0290±.0005
COIL DIAMETER	.298±.007
TOTAL COILS	8 REF
DIRECTION OF HELIX	OPTIONAL
LOAD AT COMPRESSED LENGTH OF .470	5.64 LB ± .56 LB
LOAD AT COMPRESSED SETTING OF	-----
SPRING RATE	-----
SOLID LENGTH	.270 MAX
TYPE OF ENDS	CLOSED
FREE LENGTH AFTER SETTING	1.15 REF
MANUFACTURE IN ACCORDANCE WITH TYPE I, GRADE B, MIL-S-13572,	

THIS DRAWING WAS GENERATED FROM A SOLID MODEL AND IS CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

CURRENT DESIGN ACTIVITY CAGE CODE 19200  
US ARMY  
ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER  
PICATINNY ARSENAL, NEW JERSEY 07806-5000

PART NO. 8448637

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PMIC		9327230	M231	DO NOT SCALE DRAWING		CONTRACT NUMBER		DESIGN ACTIVITY US ARMY ROCK ISLAND ARSENAL ROCK ISLAND, ILLINOIS							
		12972690	M4A1												
		9390011	M4			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CONTRACTOR		SPRING, MAGAZINE CATCH					
12598101	M16A4														
12012001	M16A3	TOLERANCE ON ANGLES ± ° 2 PLACE DECIMALS ± 3 PLACE DECIMALS ± .005		DRAWN BY				DATE(YEAR-MO-DA)							
MECHANICAL PROPERTIES				J. KREIDER		1970-04-27									
				CHECKER		ENGINEER									
YP		9349100	M16A2	THIRD ANGLE PROJECTION		J. MACON-ESERV		J. WINDHAM							
TS		8448578	M16A1			ENGINEER		QUALITY ENGINEER							
EL2		8448604	M16			L. KO		E. SESE							
RA		NEXT ASSY				USED ON		DRAWING APPROVAL		SIZE		CAGE CODE		DWG NO.	
BH								MATL ENGR		MODELED BY		L. BRUNTON		C	
RH		APPLICATION				DESIGN APPROVAL		R. ELBE		SCALE		UNIT WT.		SHEET	
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