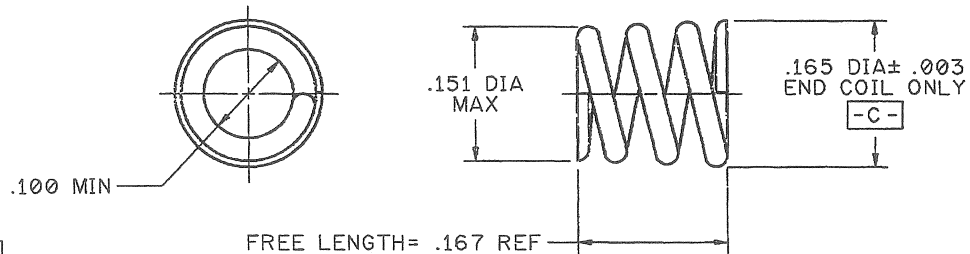


NOTES:

1. WIRE. STEEL. MUSIC SPRING QUALITY PER ASTM-A228 .022 SIZE EXCEPT TENSILE STRENGTH TO BE 363,000 TO 393,000 PSI.
2. STRESS RELIEVE- HOLD AT 450°F ± 25°F FOR 30 MIN.
3. SUGGESTED SOURCE OF SUPPLY:
NATIONAL STANDARD
NILES, MICHIGAN 49120:
MAPES PIANO STRING CO.
ELIZABETHAN, TENN 37644:
JOHNSON WIRE & STEEL
WORCESTER, MASS.
4. MANUFACTURE IN ACCORDANCE WITH TYPE I, GRADE A. MIL-S-13572.
5. MIL-W-13855 APPLIES.
6. BREAK SHARP EDGES .003 ± .012
- *7. PRESET- COMPRESS TO SOLID HEIGHT 3 TIMES PRIOR TO CHECKING LOADS.

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE (YR MO DA)	APPROVED
	G	NOR G3S3076 930817	931102	RLV _{SR}



SPRING DATA	
WIRE DIA	.0220
TOTAL COILS	4 REF
DIRECTION OF HELIX	OPTIONAL
* LOAD AT COMPRESSED LENGTH OF .140 IN=	2.0 LB ± 0.2 LB
* LOAD AT COMPRESSED LENGTH OF .112 IN=	4.2 LB ± 0.4 LB
ONE END EXPANDED TO DIM.	-C-
TYPE OF ENDS	CLOSED AND GROUND
SOLID LENGTH	.090 MAX

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

THIS DRAWING HAS BEEN GENERATED
ON A CAD SYSTEM LOCATED AT ARDEC,
BLDG. 6, PICATINNY ARSENAL, N.J.
CHANGES MUST BE INCORPORATED
VIA THIS SYSTEM.

PART NO. 8448753

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PMIC			DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	CONTRACT NUMBER	DEPT OF THE ARMY U.S. ARMY WEAPONS COMMAND ROCK ISLAND, ILLINOIS 61201	
MECHANICAL PROPERTIES			TOLERANCES ON DECIMAL FRACTION 2 PL ± * 3 PL ± .005 *	CONTRACTOR	SPRING, EXTRACTOR	
YP	8448755	M4	THIRD ANGLE PROJECTION	DRAWN BY T.A. WILSON D. KRDLAK	DATE(YR-MO-DA) 71-11-04	SIZE CODE IDENT NO. C 19204 8448753
TS	B11828591	M231		CHECKER S. FRUTIGER R. ELBE G. DRESSELHAUS L. BRUNTON	ENGINEER	
EL2	B8448755	M16		DRAWING APPROVAL A. A. COLE		
RA		M16A1		DESIGN APPROVAL R. S. HENRY		
BH	NEXT ASSY	USED ON	MATL ENGR	CADDS REV C 729	SCALE 10/1	UNIT WT.
RH	APPLICATION					SHEET

SMCAR FORM 67, 1 DEC 87(TEMP), REPLACES SMCAR FORM 67, 1 MAR 87(TEMP),
WHICH MAY BE USED UNTIL EXHAUSTED