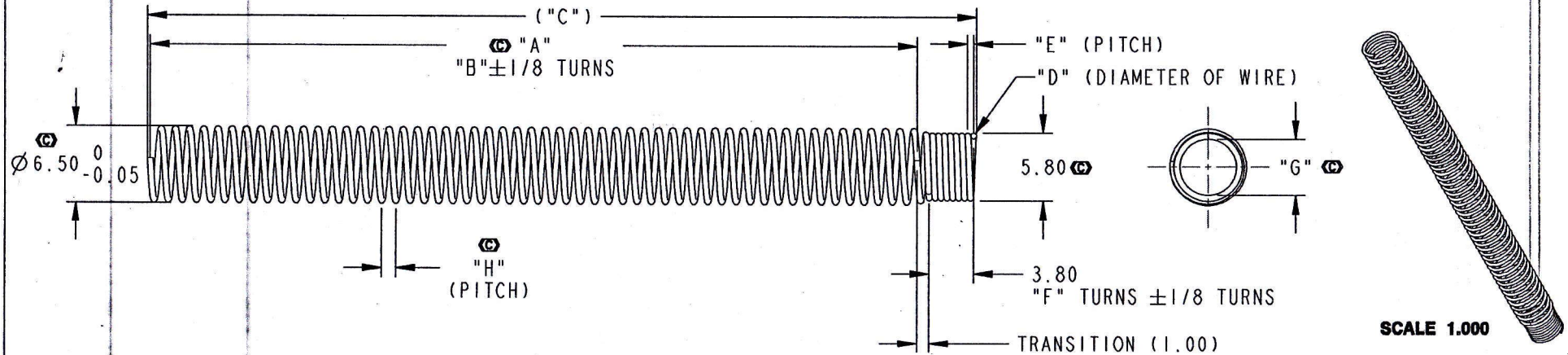


FOR REFERENCE ONLY IF PRINTED
 CAD DATABASE FILENAME: 40-501XX-STUBBY-SPRING

DRAWING STATUS:

REV.	DESCRIPTION.	DATE.	ECO NO.	BY.
A	RELEASED FOR TOOLING.	4 JULY 11	N/A	BONG



NOTES:

1. MATERIAL : MUSIC WIRE
2. PLATING: COPPER CLAD
THICKNESS: 6 TO 10 MICRON
3. ALL DIMENSIONS ARE IN MILLIMETERS
4. CAD CONTROLLED GEOMETRY
5. MAX BURR 0.05MM. NO LOOSE BURRS PERMITTED
6. PARTS SHALL BE FREE OF LOOSE BURRS, OILS AND DEBRIS.
7. NO CHANGE IN MATERIAL AND SHEET THICKNESS IS ALLOWED WITHOUT PRIOR WRITTEN APPROVAL BY EMITS TECHNOLOGY.
8. DO NOT SCALE DRAWING.
9. PARTS SHALL BE PACKAGED IN A MANNER TO PREVENT BOWING, SCRATCHING OR DAMAGE DURING SHIPMENT (FOR EXAMPLE USE TRAY).
10. DIMENSIONS TO THEORETICAL INTERSECTION (TTI).
11. ALL MATERIALS, PLATING AND PROCESSES USED TO FABRICATE THE COMPONENT SPECIFIED ON THIS DOCUMENT MUST COMPLY WITH THE RoHS DIRECTIVE 2002/95EC AND GP SS-00259 REQUIREMENTS.

PART NUMBER	DESCRIPTION	VALUE "A"	VALUE "B"	VALUE "C"	VALUE "D"	VALUE "E"	VALUE "F"	VALUE "G"	VALUE "H"	FREQUENCY
40-50187	STUBBY SPRING, BAND 1	66.0	55 TURNS	71.3	Ø 0.50	0.50	7.6 TURNS	4.80	1.20	136-147MHz
40-50190	STUBBY SPRING, BAND 2	59.7	49 3/4 TURNS	65.0	Ø 0.50	0.50	7.6 TURNS	4.80	1.20	147-160MHz
40-50191	STUBBY SPRING, BAND 3	62.3	51 7/8 TURNS	67.9	Ø 0.80	0.80	4.75 TURNS	4.20	1.20	160-174MHz

TOLERANCES (UNLESS SPECIFIED):
 X.X ±0.1
 X.XX ±0.05
 ANGLES ±1°
 CONCENTRICITY ±0.05
 PERPENDICULARITY ±0.05
 FLATNESS ±0.05

BREAK ALL CORNERS R0.25 MAX

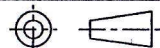
(C) INDICATES CRITICAL DIMENSION

(ST) INDICATES SPC REQUIRED
 Cp < 1.5 REQUIRES CORRECTIVE ACTION

DIMENSIONING AND TOLERANCING
 PER ASME Y14.5M-1994

EMITS PROPRIETARY - THE DRAWING ON THIS PRINT AND INFORMATION THEREWITH ARE PROPRIETARY TO EMITS, AND SHALL NOT BE DISCUSS IN WHOLE OR IN PART WITHOUT EMITS CONCENT.

METRIC
 UNITS = mm



MATERIAL:
 MUSIC WIRE

DRAWN: KY Ho

CHECKED: KY Ho

APPROVED: BL Loy

FINISH:
 PLATED COPPER GLAD

emits Technology Sdn. Bhd.

No.2, Lorong Dahlia, Tmn Industri Dahlia, Muk Maudia 13400 Butterworth, Penang, Malaysia.

COIL SPRING, BELIZE STUBBY LMR

A4
 SIZE

SCALE: 2.000

REV. A

PART NUMBER:
 SEE TABLE

PAGE: 1 OF 1

PROJECT DATABASE LOCATION: WINDCHILL