



| REVISION HISTORY | | | | |
|------------------|-----|-------------|------------|----------|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |
| | NC | | 06/10/2023 | |

NOTES:
1. ALL DIMENSIONS IN INCHES.
2. INTERPRET DRAWING PER ASME-Y14.5-2009.
3. MATERIAL: VARIOUS.
4. REMOVE BURRS AND BREAK SHARP EDGES.
5. MASS: 16.246 lbmass.

| PARTS LIST | | | | | |
|------------|-----|--------------------------------|---|-----------------------|--------------|
| ITEM | QTY | PART NUMBER | DESCRIPTION | MATERIAL | MASS |
| 1 | 1 | HS-01 | Hexagonal Outershell | Aluminum 6061 Painted | 4.281 lbmass |
| 2 | 1 | IL-01 | Fiberglass Insulation Layer | Fiberglass Insulation | 0.654 lbmass |
| 3 | 1 | HP-01 | Hotpot for Melting Wax | Aluminum 6061 | 2.553 lbmass |
| 4 | 1 | HL-01 | Aluminum Lid with Handle | Aluminum 6061 Painted | 2.203 lbmass |
| 5 | 1 | RS-01 | Silicone Stopper for Insulation and Sealing Lid | Rubber, Silicone | 1.757 lbmass |
| 6 | 1 | 2947K5_Fixed Spout Sink Faucet | Fixed Acetal Resin Sink Faucet | Acetal Resin, Black | 0.079 lbmass |
| 7 | 1 | HC-01 | 200W Heating Coil | Magnesium Oxide Salt | 0.020 lbmass |
| 8 | 1 | Button Panel Assembly | Powerbutton, On Light, and Hot Light | | 0.032 lbmass |
| 9 | 1 | Temperature Dial | Rotary Temperature Control Dial | Aluminum 6061 | 0.018 lbmass |
| 10 | 3 | Leg-01 | Aluminum 5 Inch Tall Leg | Aluminum 6061 | 0.776 lbmass |
| 11 | 3 | ANSI B18.6.3 - 6-32 UNC x 1 | Flat Countersunk Head Machine Screw - 1 Inch | Steel, Mild | 0.009 lbmass |
| 12 | 1 | WCS-01 | Subassembly for Cutting Wood Wicks | | 1.127 lbmass |
| 13 | 1 | BES-01 | Subassembly for powersupply and electronics | | 1.098 lbmass |
| 14 | 8 | ANSI B18.6.3 - 6-32 UNC x 2 | Flat Countersunk Head Machine Screw - 2 Inch | Steel, Mild | 0.009 lbmass |

DRAWN
Edgar Tejada
5/15/2023

TOLERANCES
.X = ± .1
.XX = ± .03
.XXX = ± .010
ANGLES = ± .5°

El Camino College

TITLE
Hexagonal Hive

SIZE
C

SCALE
1:3

DWG NO
Hex-Hive-01

REV
NC

SHEET 1 OF 1