

PRODUCT DATA DRAWING

| REVISION HISTORY | | | |
|------------------|-------------|-------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| A | DCN 54184 | 04/24 | SEE PDM |
| | | | |
| | | | |

MATERIAL:

| | |
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| BODIES & CONTACTS: | BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04. |
| SLEEVE: | STAINLESS STEEL PER AMS 5640, ALLOY UNS S30300, TYPE 1 OR ASTM A582 TYPE 303, CONDITION A. |
| INSULATORS: | PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B. |
| SPRING: | STAINLESS STEEL PER ASTM A313, TYPE 631 OR AMS 5678. |

FINISH:

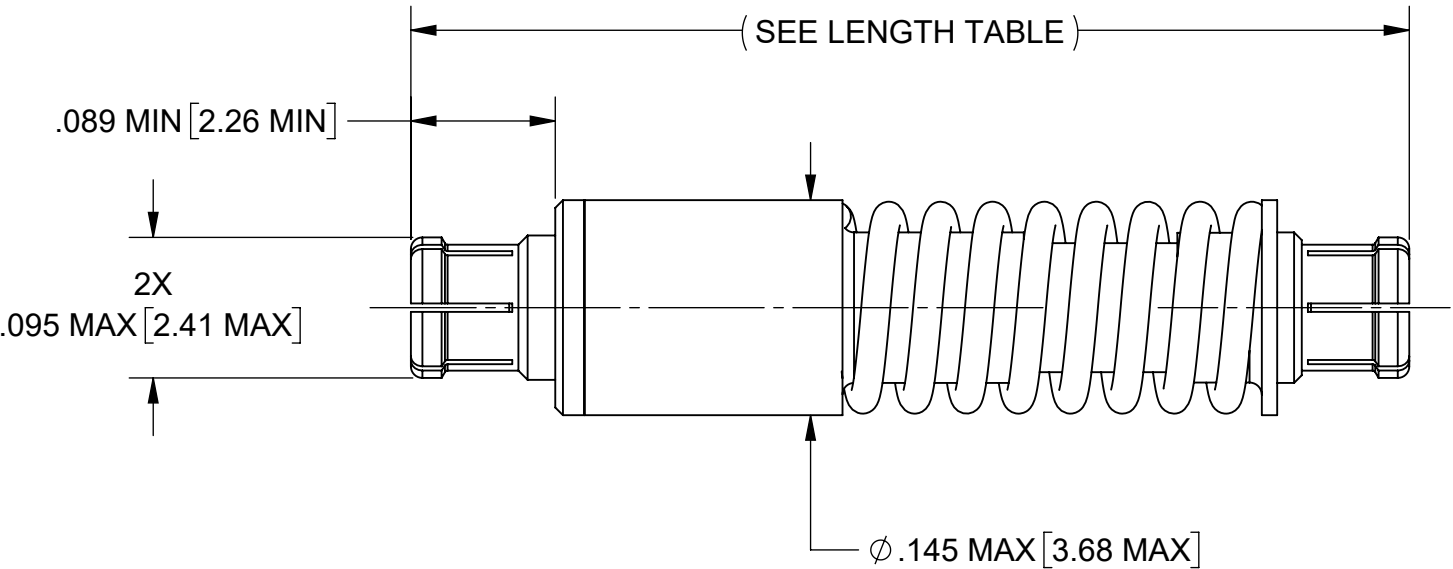
| | |
|-------------------|--|
| BODIES & CONTACT: | GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN. |
| SLEEVE: | PASSIVATED PER AMS 2700 |
| SPRING: | PASSIVATED |

ELECTRICAL SPECIFICATIONS:

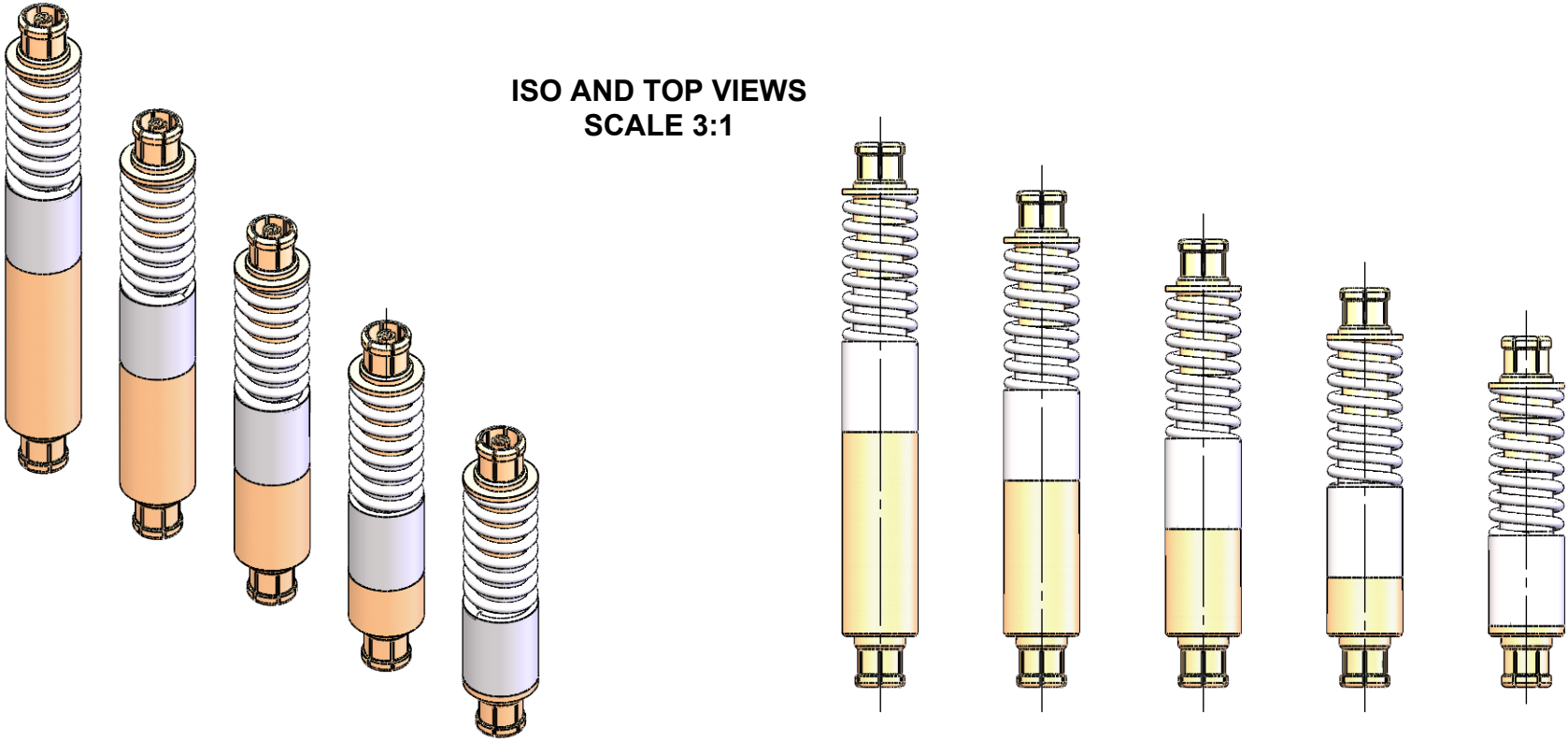
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| IMPEDANCE: | 50 OHMS |
| FREQ. RANGE: | DC TO 40.0 GHz. |

MECHANICAL SPECIFICATIONS:


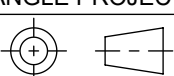
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| ENGAGE FORCE: | |
| FULL DETENT: | 9 LB MAX. |
| SMOOTH BORE: | 2.5 LB MAX. |
| | |
| DISENGAGE FORCE: | |
| FULL DETENT: | 2 LB MIN. |
| SMOOTH BORE: | .5 LB MIN. |



ISO AND TOP VIEWS
SCALE 3:1



| LENGTH | | | |
|----------------|------------|---------|--------------|
| SV PART NUMBER | LENGTHS | | |
| | COMPRESSED | NOMINAL | UNCOMPRESSED |
| 1132-4113 | .550" | .600" | .650" |
| 1132-4114 | .640" | .690" | .740" |
| 1132-4115 | .730" | .780" | .830" |
| 1132-4116 | .820" | .870" | .920" |
| 1132-4117 | .910" | .960" | 1.010" |

| | | | | | | | | |
|--|-----------|---|---|---------------------|--|------------------------------|--|--|
| MATERIAL: | SEE NOTES | DIMENSIONS ARE IN INCHES TOLERANCES: | UNLESS OTHERWISE SPECIFIED | | <div> www.svmicrowave.com</div> | | | |
| FINISH: | SEE NOTES | FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X°X' ±15' | 1) ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) 2) ALL DIMENSIONS ARE AFTER PLATING. 3) BREAK CORNERS & EDGES .005 R. MAX. 4) CHAM. 1ST & LAST THREADS. 5) SURFACE ROUGHNESS 63-MIL-STD-10. 6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 7) REMOVE ALL BURRS | | | | | |
| SURFACE AREA: | N/A | DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005 | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994 | | TITLE: SMPM FEMALE TO FEMALE COMPRESSIBLE ADAPTER | | | |
| PROPRIETARY | | THIRD ANGLE PROJECTION | | DRAWN: SRM 09/22/21 | | SIZE DWG. NO. 1132-4113-4117 | | |
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| | | | | APPROVED: SEE PDM | | | | |