

ROHS NON-COMPLIANT

PRODUCT DATA DRAWING

Isometric view of the component showing a cylindrical body with a flange and four mounting pins.

Top cross-sectional view showing dimensions: $\phi .145 [3.68]$, $.150 [3.81]$, $(.083 [2.11])$, $(.067 [1.70])$, $(.008 [0.20])$, $4X \phi .020 \pm .003 [0.51 \pm 0.08]$, $4X .075 [1.91]$, $.098 [2.49]$, and a hatched area labeled RP.

Bottom cross-sectional view showing dimensions: $\phi .012 [0.30]$, $.037 [0.94]$, $\phi .165 [4.19]$, $\square .085 \pm .003 [2.16 \pm 0.08]$, and $2X .0425 \pm .0015 [1.08 \pm 0.04]$.

MATERIAL:

BODY & CONTACT:

INSULATOR:

FINISH:

BODY & CONTACT:

BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04

POLYAMIDE-IMIDE

GOLD PER ASTM B488, TYPE II, CODE C, CLASS .76, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00010" MIN.

PERFORMANCE:

IMPEDANCE:

FREQ. RANGE:

DWV:

OPERATING TEMP:

INSULATION RES.:

50 OHMS

DC TO 25.0 GHz.

325 VRMS

-55°C TO +125°C

5,000 MEGAOHMS MINIMUM

NOTES:

1. DIMENSIONS APPLY PRIOR TO PRE-TINNING

2. Sn63 SOLDER REQUIRED IN HATCHED AREA.

3. SOLDER PERMISSBLE ON OUTER AND ADJACENT SURFACES OF BODY IN THIS AREA.

4. PARTS TO BE SHIPPED WITH TAPE AND REEL.

5. FOR A FOOTPRINT RECOMMENDATION SPECIFIC TO YOUR PCB, PLEASE CONTACT US AT applications@svmicro.com

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	NRN 44730	04/20	STW
A	DCN 49924	06/20	STW

PART NUMBER		INTERFACE	
3211-40093		SMOOTH BORE	
3211-40094		FULL DETENT	

MATERIAL: SEE NOTES		DIMENSIONS ARE IN INCHES TOLERANCES:		UNLESS OTHERWISE SPECIFIED		TITLE: SMPM MALE PCB SMT W/ R/A CONTACT SIZE B DWG. NO. 3211-40093-40094 SCALE: 16:1 SHEET 1 OF 2	
FINISH: SEE NOTES		FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1^{\circ}0'$ X°X' $\pm 15'$		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 $\pm .030$.XX $\pm .010$.XXX $\pm .005$		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994			
PROPRIETARY		THIRD ANGLE PROJECTION		DRAWN: DTL 04/02/20 CHECKED: STW 04/02/20 APPROVED: STW 04/02/20			

