

ROHS COMPLIANT		REVISION HISTORY			
		REV	DESCRIPTION	DATE	APPROVED
		-	NRN 34838	07/08	STW

PRODUCT DATA DRAWING

Technical drawing of a snap-in connector. The side view shows a component with a flange, a central body, and a threaded section. Dimensions include a total length of .278 [7.06], a flange width of .080 [2.03], a central body diameter of $\phi .156$ [3.96], and a threaded section diameter of $\phi .178$ [4.52] with 2X threads. A note indicates the component is 'FOR .093 PANEL'. The cross-sectional view shows the internal structure, including a sleeve and a retaining ring, with dimensions for the sleeve diameter ($\phi .146$ [3.71]), the sleeve thickness (.052±.001 [1.32±0.03]), and the retaining ring diameter ($\phi .160$ ±.001 [4.06±0.03]). The recommended panel hole is shown with a diameter of $\phi .1715$ ±.0015 [4.36±0.04] and a 30° chamfer.

MATERIAL:

BODY:

STAINLESS STEEL PER AMS-5640, UNS S30300 (TYPE 1)

SLEEVE,
CONTACT &
RETAINING RING:

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

INSULATOR:

PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

FINISH:

BODY:

PASSIVATED PER AMS-QQ-P-35, TYPE II

SLEEVE,
CONTACT &
RETAINING RING:

GOLD PER ASTM B 488, TYPE II,
CODE C, CLASS 1.27; OVER NICKEL
PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:

IMPEDANCE:

50 OHMS

FREQ. RANGE:

DC TO 40.0 GHz

VSWR:

1.25:1 DC TO 26.5 GHz
1.35:1 DC TO 40.0 GHz

DWV:

325 VRMS

OPERATING TEMP.:

-55°C TO +125°C

REMOVAL TOOL P/N 500-32-028

MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1^{\circ}0'$ X°X' $\pm 15'$ DECIMAL: .X $\pm .030$.XX $\pm .010$.XXX $\pm .005$ INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	UNLESS OTHERWISE SPECIFIED 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	TITLE: SMPM MALE FD SNAP-IN FOR .093 PANEL FOR $\phi .047$ S.R. CABLE		
FINISH:	SEE NOTES			SIZE B	CAGE CODE 95077	DWG. NO. 3202-6000
SURFACE AREA:	N/A			SCALE: 14:1		
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			CHECKED: STW 07/07/08			
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