

2. ELECTRICAL:

- A. IMPEDANCE: 50 OHM
- B. FREQUENCY RANGE: DC - 6 GHz
- C. RETURN LOSS (VSWR): 20dB (1.22) @ DC - 3 GHz
17dB (1.33) @ 3 - 6 GHz
- D. CONTACT RESISTANCE: CENTER CONTACT 5 mΩ MAX.
OUTER CONTACT 5 mΩ MAX.
- E. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
- F. INSERTION LOSS: 0.1dB @ DC-3GHz
- G. INSULATION RESISTANCE: 5000 MΩ MIN.
- H. POWER HANDLING: 40 W @ 2.6 GHz AT 95°C
120 W @ 2.5 GHz AT 95°C

THIRD ANGLE PROJ.

RE
A

6,5
[.256]

2
[.079]
TYP (4)

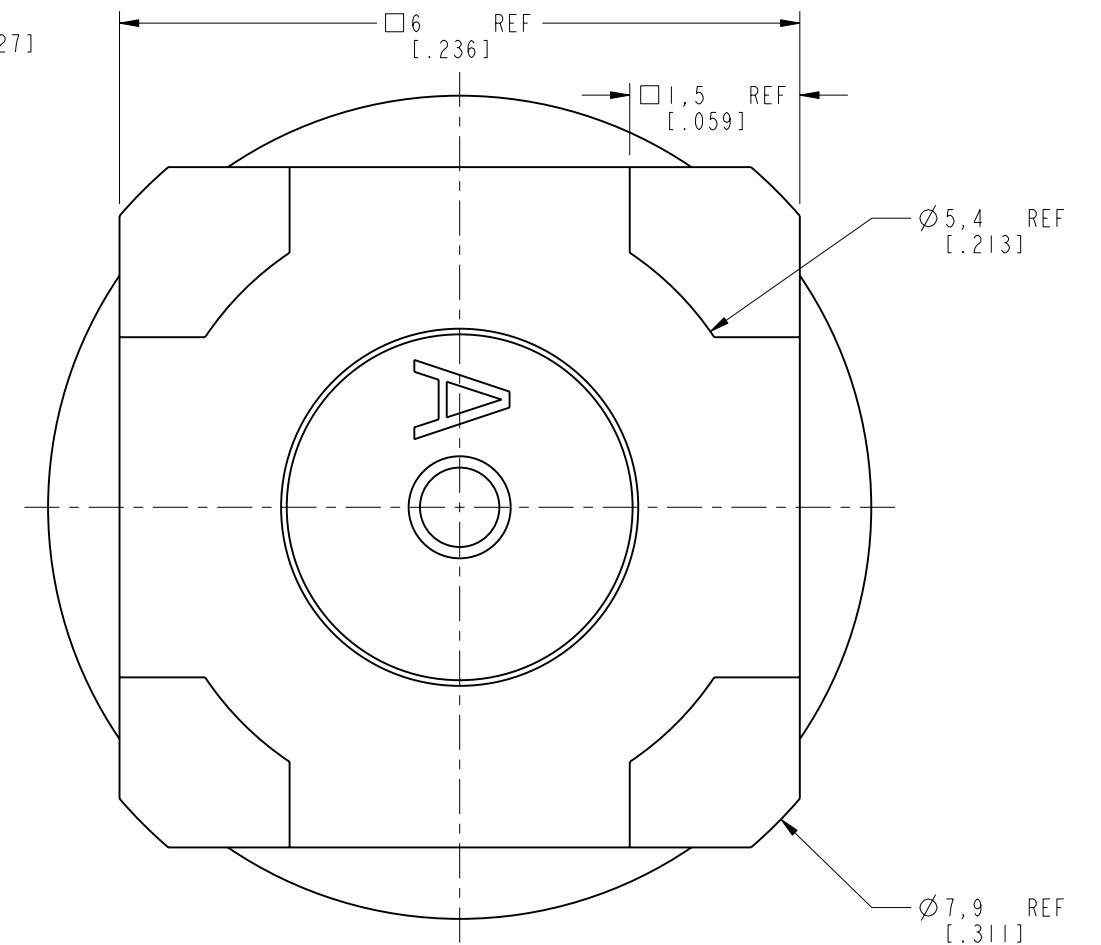
Ø 5
[.197]

Ø 1,4
[.055]

Ø 8,3
[.327]

RECOMMENDED

SOLDER FOOTPRINT ONLY
PERFORMANCE WILL VARY
BASED ON BOARD LAYOUT



ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES $\pm 0.05\text{mm}$ $\pm 0.1\text{mm}$ $\pm 0.2\text{mm}$ $\pm 0.3\text{mm}$ $\pm 1^\circ$	MATERIAL SEE NOTES REFERENCE AND CONFIGURATION LEVEL: In Work FINISH	DRAWN W. ZENG	DATE 3-Jul-18	TITLE HD-EFI STR JACK SMOOTH BORE SURFACE MOUNT SCALE: 15.0:1.0 SHEET 2 OF 2 DWG SIZE B REV A	Amphenol RF www.amphenolrf.com DRAWING NO. 920-501J-53P ITEM NO. 920-501J-53P PART NO. 920-501J-53P
NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.		ENGINEER SUNDE	DATE 3-Jul-18		
		APPROVED S. HSIEH	DATE 9-Jul-18		