INPAQ

Global RF/Component Solutions

Patch Antenna

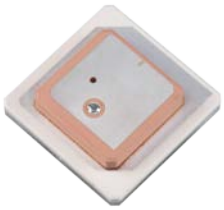
Specification

Type	GPS Stack
Series	GPS SDARS _ PAGS-I4F2P2G-xxx-xxx L1 L2 _ PADGPS-I4H4G-101-17 L1 L2 _ PADGPS-I4H10G-101-17

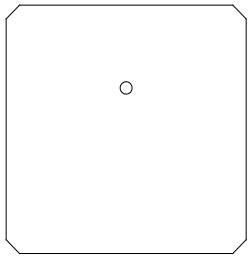
Global RF/Component Solutions

Product name	GPS SDARS PAGS-I4F2P2G-xxx-xxx

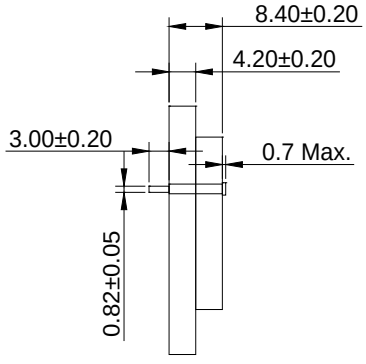
Appearance



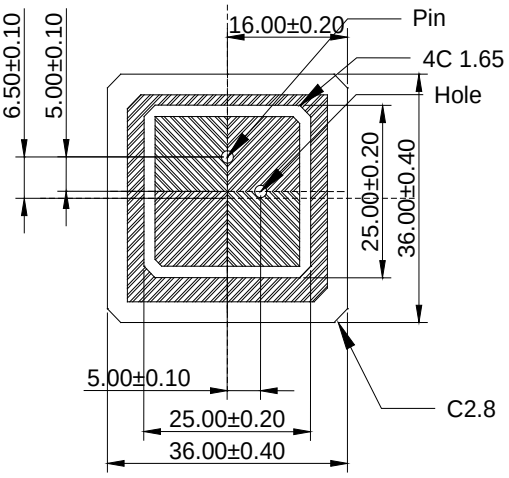
	Specification
Center Frequency (MHz)	GPS: 1575.42 / SDARS: 2332.5
Bandwidth (MHz)	GPS: 14 typ. / SDARS: 150 typ.
Gain at Zenith (dBic)	GPS: 14 typ. / SDARS: 150 typ.
Polarization	GPS: R.H.C.P. / SDARS: L.H.C.P.
Impedance(Ω)	GPS: 50 / SDARS: 50
Test Condition	1 m Diameter Ground
Dimension (mm)	GPS: 25x25x4 / SDARS: 36x36x4



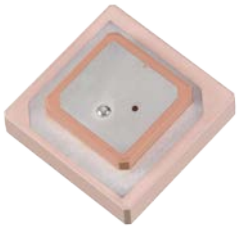
Bottom View



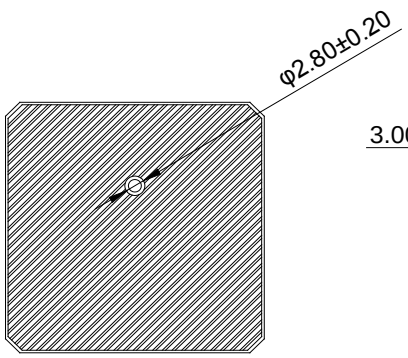
Side View



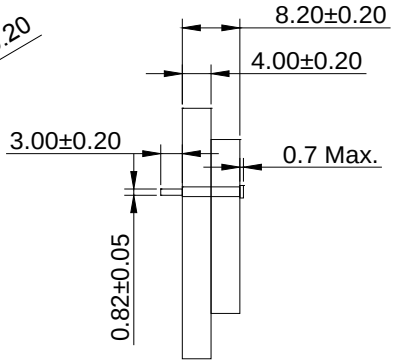
Top View

Product name	L1 L2 PADGPS-I4H4G-101-17	L1 L2 PADGPS-I4H10G-101-17
Appearance		

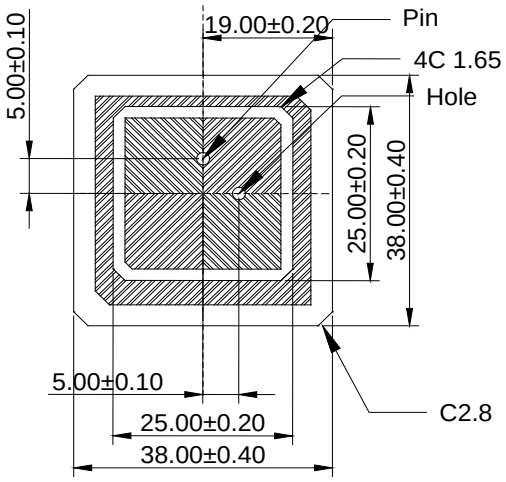
Specification		
Center Frequency (MHz)	GPS L1: 1575.42 ± 3 GPS L2: 1227.6 ± 3	GPS L1: 1575.42 ± 3 GPS L2: 1227.6 ± 3
Bandwidth (MHz)	GPS L1: 34 typ. GPS L2: 12 typ.	GPS L1: 36 typ. GPS L2: 32 typ.
Gain at Zenith (dBic)	GPS L1: 5 typ. GPS L2: 4 typ.	GPS L1: 5 typ. GPS L2: 4.5 typ.
Polarization	GPS L1:R.H.C.P. GPS L2:R.H.C.P.	GPS L1:R.H.C.P. GPS L2:R.H.C.P.
Impedance(Ω)	GPS L1: 50 GPS L2: 50	GPS L1: 50 GPS L2: 50
Test Condition	70 mm Square Ground Plane	
Dimension (mm)	GPS L1: 25 x 25 x 4 GPS L2: 38 x 38 x 4	GPS L1: 25 x 25 x 4 GPS L2: 38 x 38 x 10



Bottom View



Side View



Top View