

Drop-In Isolator Specification

Features:

- a) Small Size
- b) High Isolation
- c) Low Insertion Loss

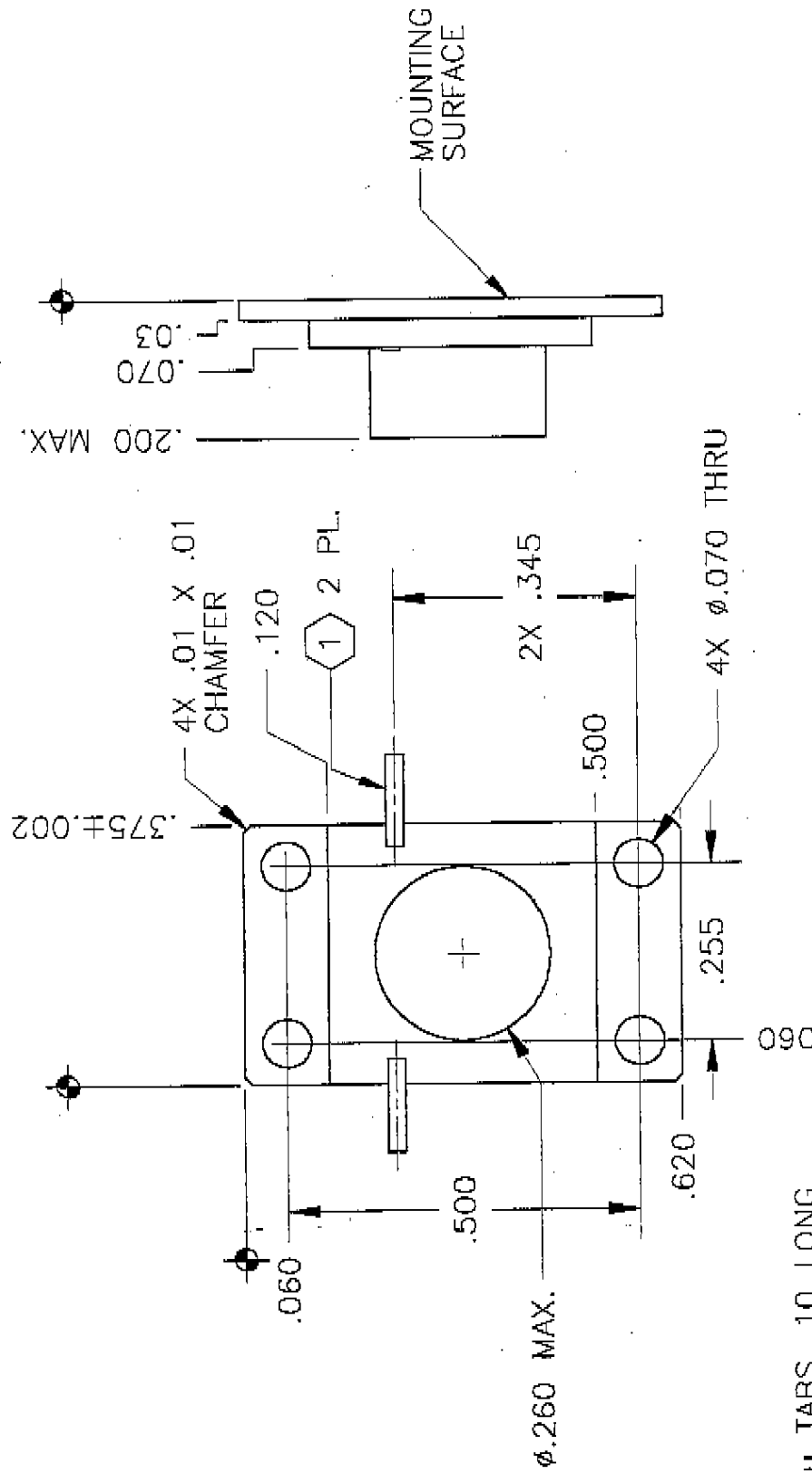


Specifications

Electrical	
Part No.	T5YP1
Description	Drop-In Isolator
Frequency	5.7~5.9GHz
Isolation	20 dB(Min.)
VSWR	1.25:1 (Max.)
Insertion Loss	0.4dB(Max.)
Power Handling	Forward:5W/Reverse:1W
Impedance	50 Ohm
Connector	Tab
Mechanical	
Outline	2926
Environment	
Temperature	-30℃ to +85℃

Assembly NOTE:

1. T5YP1 should be mounted [4 screws] to a heat sink
2. Electrically grounded surface having a maximum temperature of + 85 degrees Celsius.
3. The input and output connection tabs should be soldered to the mating micro-strip line connections.



SPECIFICATIONS:

FREQUENCY: 5.7 - 5.9 GHz
 INSERTION LOSS: 0.4 dB (MAX)
 ISOLATION: 20 dB (MIN)
 VSWR: 1.25 (MAX)
 POWER, FORWARD: 5 WATTS
 POWER, REVERSE: 1 WATTS
 TEMP, OPERATING: -30°C TO 85°C

REV.	A	ECO #	263	DESCRIPTION	VARIOUS CHANGES SEE ECO	BK/H/	DATE	980326
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:					SONOMA SCIENTIFIC SANTA ROSA, CA.			
FRACTIONS DECIMALS ANGLES					TITLE OUTLINE ISOLATOR T5YP1			
± 1/64 .XX ± .01 ± 1°					USED ON			
± .XXX ± .005					SIZE CODE IDENT NO. DRAWING NO. REV.			
SURFACE FINISH 63/					A OFRZ7 2926			
MATERIAL N/A					SCALE ~4/1 DO NOT SCALE DRAWING SHEET 1 OF 1			
FINISH N/A								