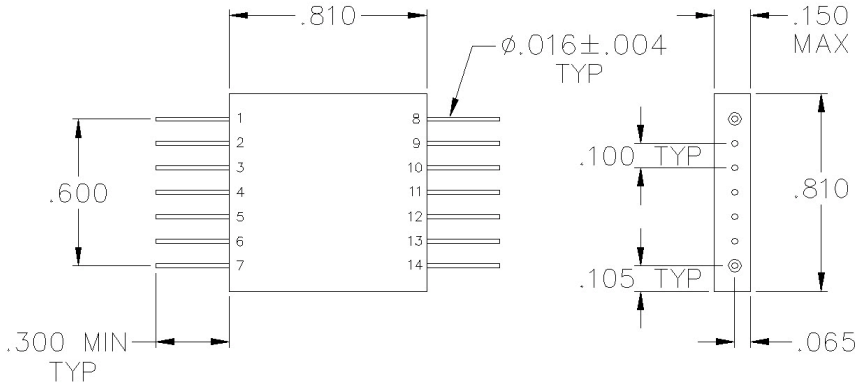
ID-14-302

QUADRATURE I.F. MIXER (DEMODULATOR)



SPECIFICATIONS

Name:	ID-14-302
Carrier (LO) Frequency:	1425-1575 MHz
RF Frequency:	LO ± 50 MHz
IQ Frequency:	DC-50 MHz
Conversion Loss:	12 dB max.
Amplitude Balance:	1.0 dB max.
Phase Balance:	7° max.
Isolation:	
L/R:	30 dB min.
L/I:	25 dB min.
VSWR:	1.8:1 min.
Connector Type:	Pin

PORT CONFIGURATION

RF:	14
LO:	1
I:	12
Q:	5
Ground:	2-4, 6-11, 13

Specifications apply when operating LO power level is +10 ± 0.5 dBm and operating RF power level is -10 ± 0.5 dBm.
IF Frequency (Q) is +90° relative to IF frequency (I) when RF frequency is > LO frequency.

This is a commercial off the shelf (COTS) product.
For an equivalent product that meets DFARS materials compliance, contact sales.
All specifications are subject to change without notice at any time. Rev: 250614

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