

DC Pass Directional Coupler

50Ω Up to 40W 1400 to 2700 MHz

ZADC-40-27HP+



Generic photo used for illustration purposes only

CASE STYLE: F14

Connectors Model
N-Type ZADC-40-27HP+

+RoHS Compliant

The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications

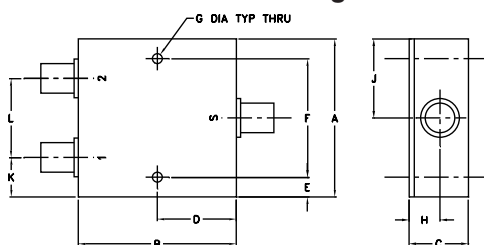
Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
DC Current	2A
Permanent damage may occur if any of these limits are exceeded.	

Coaxial Connections

INPUT	1
OUTPUT	S
COUPLED	2

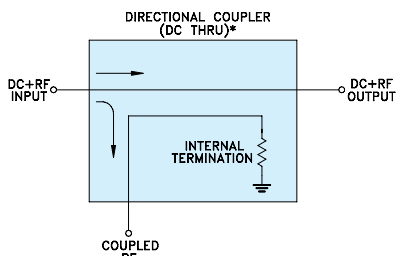
Outline Drawing



Outline Dimensions (inch/mm)

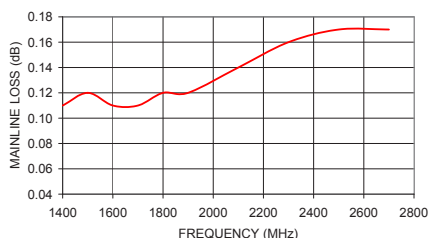
A	B	C	D	E	F	G
2.00	2.00	0.75	1.00	0.25	1.500	0.125
50.80	50.80	19.05	25.40	6.35	38.10	3.18
H	J	K	L			
0.39	1.00	0.50	1.00			
9.91	25.40	12.70	25.40			
				wt		
				grams		
				170.0		

Electrical Schematic

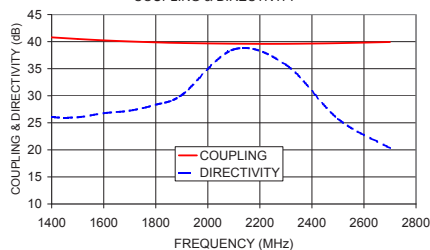


* ELECTRICAL SCHEMATIC FOR DIRECTIONAL COUPLER THAT IS DESIGNED WITHOUT INTERNAL TRANSFORMERS.

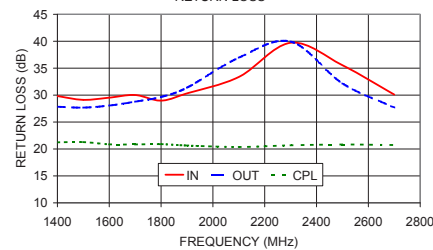
ZADC-40-27HP+
MAINLINE LOSS



ZADC-40-27HP+
COUPLING & DIRECTIVITY



ZADC-40-27HP+
RETURN LOSS



Notes

- Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
- Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
- The parts covered by this specification document are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/MCLStore/terms.jsp



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