

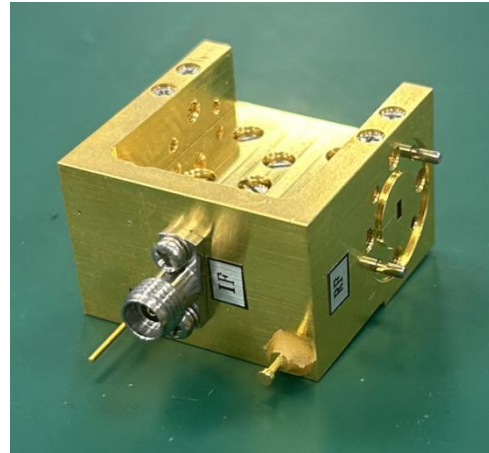
## MMI0750110-C12 Mixer

### Features

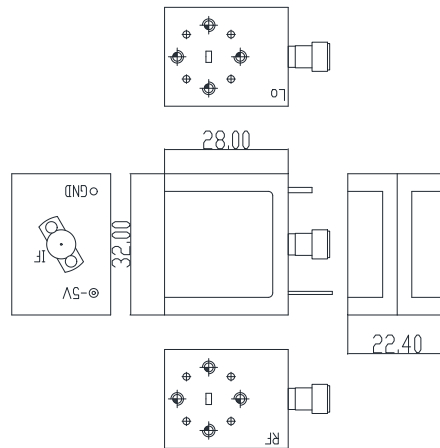
An integrated structural design approach is adopted to achieve 75–110 GHz up- and down-conversion functions. The mixer module requires an LO drive power of 13 dBm and has a conversion loss of 12 dB.

### Applications

W-band test systems and product applications.



### Outline Drawing



### Electrical Specifications Table

Parameter	Min.	Typ.	Max.
RF Frequency Range / GHz	75		110
LO Frequency Range / GHz	75		110
IF Frequency Range / GHz	0.5	8	12
LO Input Power / dBm	13	14	15
Conversion Loss		12	
Supply Voltage / V	-7	-5	-4.5
Supply Current / mA		5	
LO Port		WR-10	
RF Port		WR-10	
IF Port		SMA Connector	