

PM-18004000-3535

PSATEK TRIPLE-BALANCED MIXER, 18~40GHz, 2.92mm/SMA

PSATEK

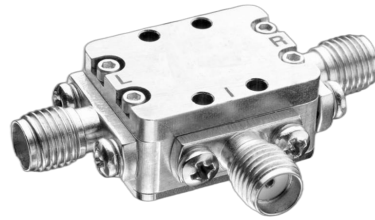
Specializing in RF & Microwave Components

FEATURES:

- Operating Frequency Range 18~40GHz
- High Stability and Reliability
- Miniature Size
- Nominal LO Drive +15dBm

APPLICATIONS:

- Satcom/Telecom
- RF Tests and Instrumentation
- Wireless Communications



ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE(GHz)	RF/LO	18~40
	IF	DC~18
ISOLATION(dB)	LO-RF	35dB typ.
	RF-IF	32dB typ.
	LO-IF	35dB typ.
CONVERSION LOSS		10dB typ.
SSB NOISE FIGURE		10dB typ.
INPUT 1-dB COMPRESSION POINT		11dBm typ.
IIP3		18dBm typ.
IIP2		43dBm typ.
INPUT POWER(Peak, max)		+26dBm@25℃
		+23dBm@100℃
INPUT DC CURRENT		100mA@25℃

ENVIRONMENTAL SPECIFICATIONS:

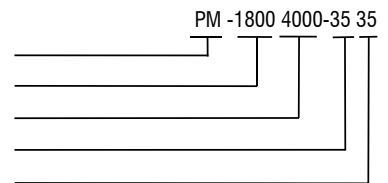
OPERATING TEMPERATURE	-40℃ ~ +85℃
STORAGE TEMPERATURE	-65℃ ~ +150℃

MECHANICAL SPECIFICATIONS:

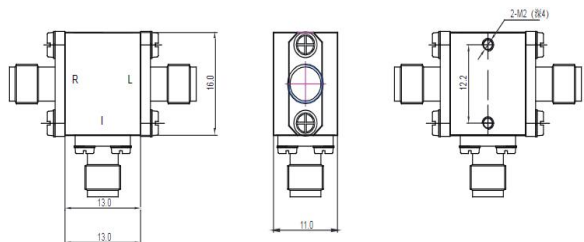
WEIGHT	35g max
SIZE	13x16x11 mm
CONNECTOR	2.92mm (RF, LO) SMA (IF)

ORDERING INFORMATION:

PSATEK RF MIXER
MIN FREQUENCY(GHz)
MAX FREQUENCY(GHz)
ISOLATION(LO-RF)
ISOLATION(LO-IF)



MECHANICAL OUTLINE(mm):



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