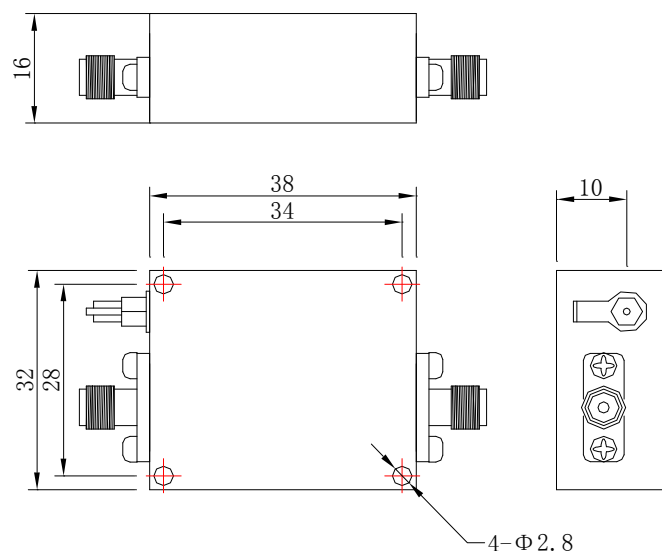


1-18GHz LOW NOISE AMPLIFIER



Parameter	Condition	Min.	Typ.	Max.	Units
Frequency Range		1	-	18	GHz
Gain	In the range of working temperature	-	28	-	dB
Gain Flatness		-	±2.0	±3.5	dB
Output Power at 1dB compression	In the range of the whole frequency	-	15.0	-	dBm
Output Power at 3dB compression	-	-	-	-	dBm
Input VSWR		-	2.0	2.5	:1
Output VSWR		-	2.0	2.5	:1
DC Supply Voltage		10.0	12.0	15.0	V
Supply current		-	180	-	mA
Noise Figure		-	3.0	-	dB

Testing instruction, at room temperature 25℃, impedance 50Ω, +15V DC.

UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE IN MM
 DRAWING & DETAILS ARE SUBJECT
 TO CHANGE WITHOUT NOTICE.
 CERTAIN CHANGES MAY BE IN ORDER
 TO IMPROVE PRODUCT.



Universal Cooperate Ltd.

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 Edgware,
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TITLE

1-18GHz LOW NOISE AMPLIFIER

SIZE

A

CAGE CODE

MODEL

UCL-MAS118G28DB

REV

A

SCALE 1:1

DOC FAMILY MAS

SHEET 1 OF 1

1-18GHz LOW NOISE AMPLIFIER

Maximum Ratings

Parameter	Ratings
Operating Temperature	-20°C to 70°C
Storage Temperature	-55°C to 100°C
DC Voltage	16V
Input RF Power (no damage)	-5 dBm

Permanent damage may occur if any of these limits are exceeded.

Maintain good ventilating environment to ensure stability of the performance.

