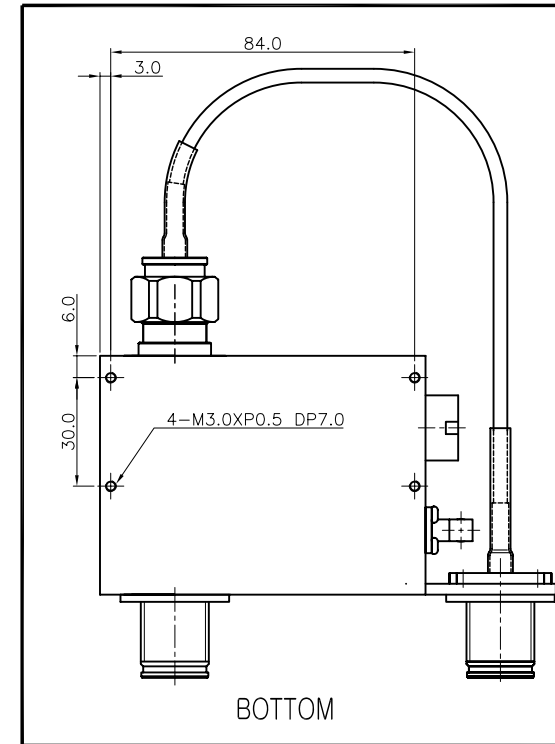
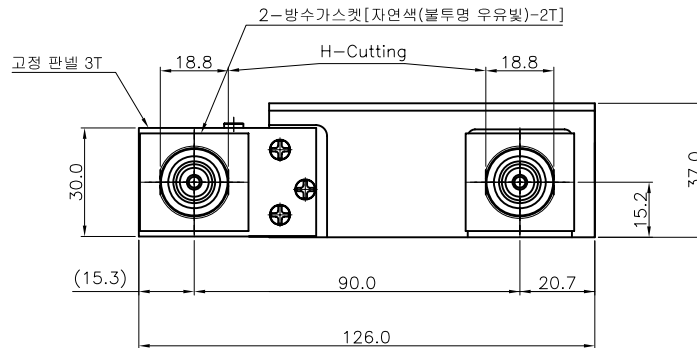
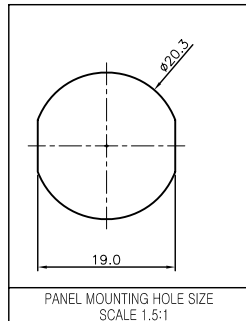
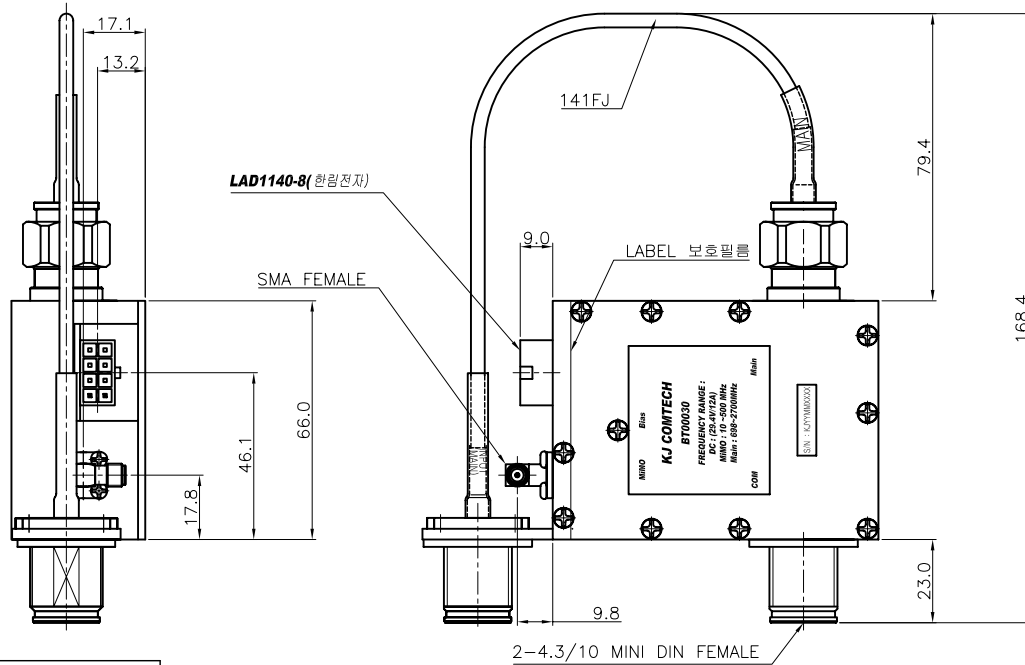
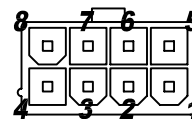


* ELECTRICAL SPECIFICATIONS

Parameter	Unit	Comment	Specifications	
Frequency Range	MHz		MiniMO 변조	Main Port
			10~500	698~960 1710~2700
VSWR(Input)		Max.	1.6 : 1	1.3 : 1 (연동SPEC: 1.35 : 1)
Insertion Loss	dB	Max.	2.0dB	0.6dB
			(단로 규격 : 1.5dB, 연동 규격 : 2.0dB @Module과 연동 시 발생하는 공진 주파수)	
Flatness	dB	Max.	0.4dB	-
			(@88~155, 225~325MHz)	
Input Power		Max.	Total 1W	Total 200W
Delay		Max.	10ns (Max.)	
Impedance			50 W	
PIMD			-153dBc(Only HPF Port)	
Bias Tee	Voltage	Max.	29.4V	
	Current	Max.	12A	
Temperature Range			-30°C ~ +60°C	
Humidity Range			45% ~ 95%	
Environment Class			IP42	

- NETWORK ANALYZER NUMBER OF POINT : 401

* 연동구성: BIAS-T + CABLE + MODULE



1,2,3,4 : GND
5,6,7,8 : VCC

한림전자 LAD1140-8 PIN MAP

REVISION				
REV	DESCRIPTION	DRAWN	APPR	DATE
1	Initial Registration	S.L.SON	J.H.YOUN	2016.11.24.
2	Main Port Connector 변경, H-Cutting 추가	S.L.SON	J.H.YOUN	2017.02.06.
3	SMA Connector 변경(Right Angle => Straight)	S.L.SON	J.H.YOUN	2017.03.02.
4	주파수 대역 및 SPEC. 변경 & 내치 WASHER 추가	S.L.SON	J.H.YOUN	2017.07.04.
5	Cable Assy 고정형으로 변경	S.L.SON	J.H.YOUN	2017.09.05.
6	삼입소실 평탄도 SPEC 추가	S.L.SON	J.H.YOUN	2018.05.18.
7	CABLE 길이 변경, Capacitor 내압변경(50V=>100V) 및 수량 변경	S.L.SON	J.H.YOUN	2019.11.04.

* DETAIL LABEL
Serial No : KJYYMMNNNN
- YY : Year
- MM : Month
- NNNN : Serial No

* MECHANICAL SPECIFICATIONS
HOUSING : A6061 (White Chromate)
CONNECTORS BODY(4.3/10) : MBsBD (SUCO Plate)
CONNECTORS BODY(SMA) : MBsBD (Ni Plate)
CONNECTORS PINS(4.3/10) : Beryllium Copper (Silver Plate)
CONNECTORS PINS(SMA) : Beryllium Copper (Gold Plate)
INSULATORS : TEFLON

TOLERANCE	Decimal ±0.3 Angle ±1°	DATE 2020. 03. 03.	APPROVED BY J.H.YOUN	TITLE Bias Tee
MATERIAL A6061 T6	CHECKED BY	DRAWN BY S.L.SON		
FINISH White Chromate	SCALE 1/1	UNIT mm		DWG NO. BT00030-7/7
				REVISION 7
				SHEET 1 of 1