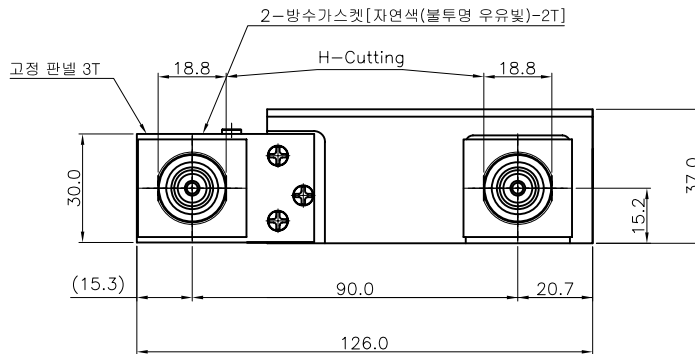
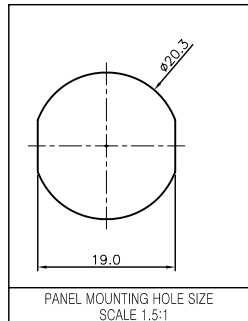
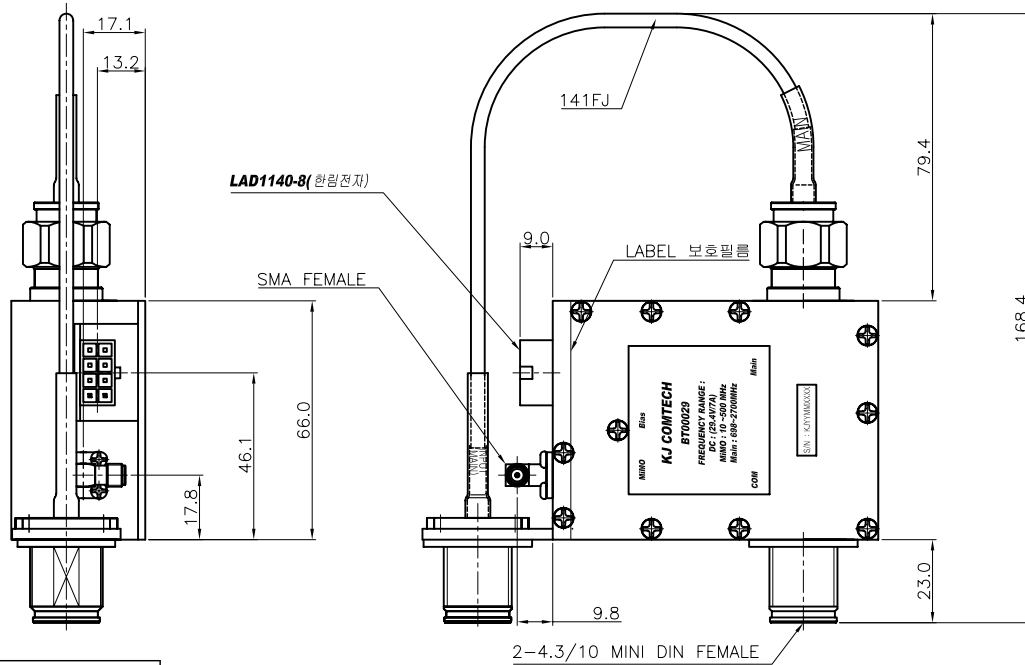
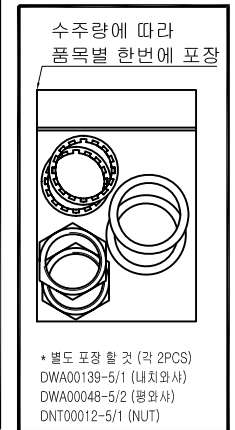
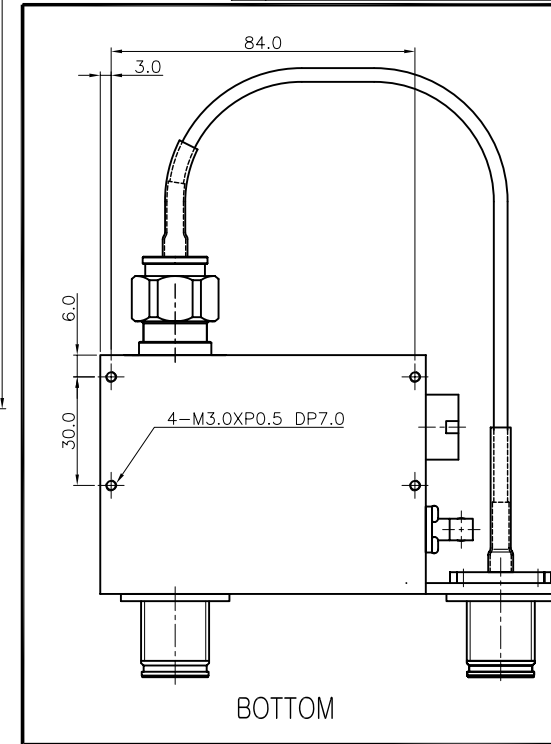




REVISION				
REV	DESCRIPTION	DRAWN	APPR	DATE
1	Initial Registration	T.J.KIM	J.H.YOUN	2016.06.29.
2	특성 개선 Rev. 1차	T.J.KIM	J.H.YOUN	2016.07.19.
3	CABLE ASSEMBLY	T.J.KIM	J.H.YOUN	2016.07.19.
4	전류 규격 변경 7A -> 12A	T.J.KIM	J.H.YOUN	2016.10.25.
5	임체요청 Connector 변경 및 H-Cutting 추가	S.L.SON	J.H.YOUN	2017.02.07.
6	SMA Connector 변경 (Right Angle => Straight)	S.L.SON	J.H.YOUN	2017.02.07.
7	주파수 대역 및 SPEC. 변경 & 내치 WASHER 추가	S.L.SON	J.H.YOUN	2017.07.04.
8	Cable Ass'y 고정형으로 변경	S.L.SON	J.H.YOUN	2017.09.05.
9	삼입손실 평탄도 SPEC 추가	S.L.SON	J.H.YOUN	2018.05.18.
A	CABLE 길이 변경, Capacitor 내압변경(50V=>100V) 및 수형 변경	S.L.SON	J.H.YOUN	2019.11.04.

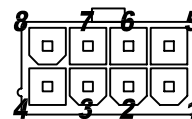


* ELECTRICAL SPECIFICATIONS

Parameter	Unit	Comment	Specifications	
Frequency Range	MHz		MiMO 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 (단품 규격: 1.5dB, 연동 규격: 2.0dB @Module과 연동시 발생하는 공진 주파수)
Flatness	dB	Max.	0.4dB (@88~155MHz, 225~325MHz)	-
Input Power	Max.		Total 1W	Total 200W
Delay	Max.		10ns (Max.)	
Impedance			50 W	
PIMD			-153dB(Only HPF Port)	
Bias Tee	Voltage	Max.	29.4V	
	Current	Max.	7A	
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

* 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		
FINISH White Chromate		DRAWN BY S.L.SON		DWG NO. BT00029-7/A
	SCALE 1/1	UNIT mm		REVISION A
				SHEET 1 of 1



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