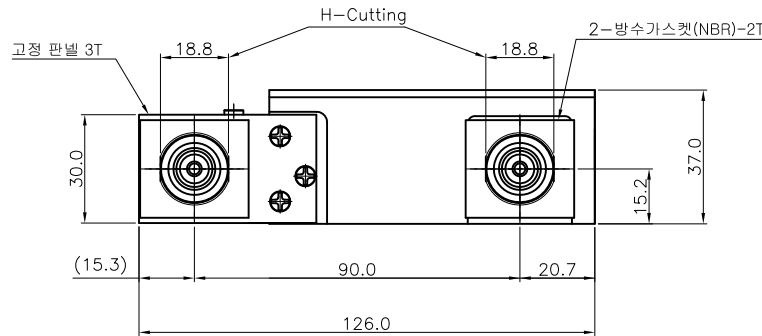
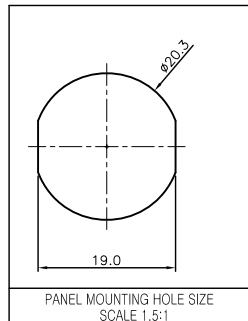
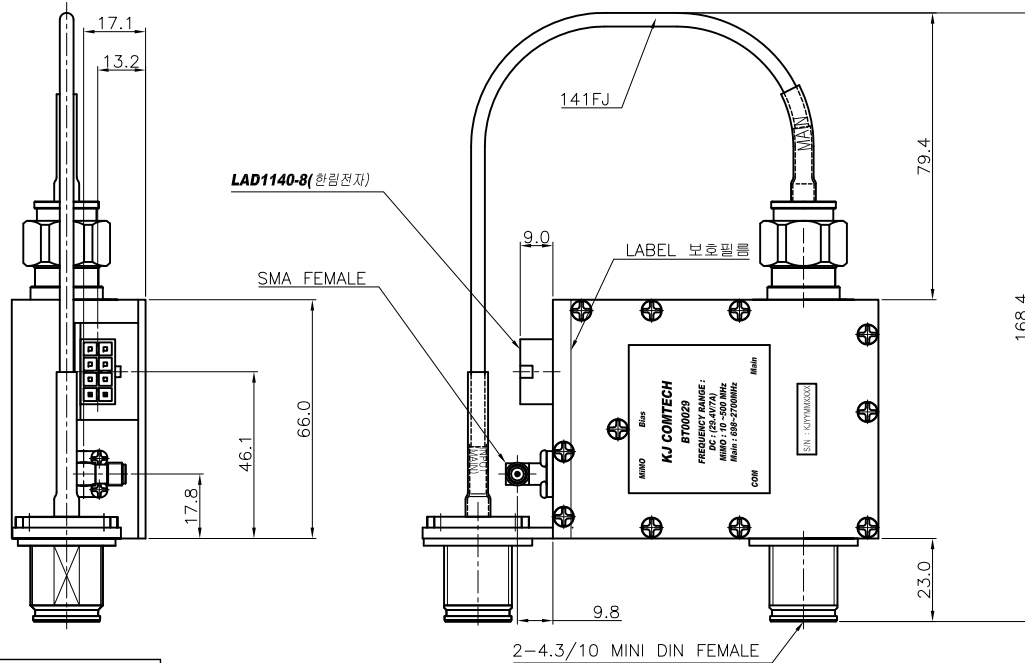
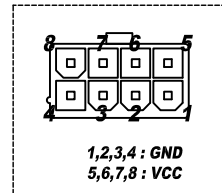




* ELECTRICAL SPECIFICATIONS

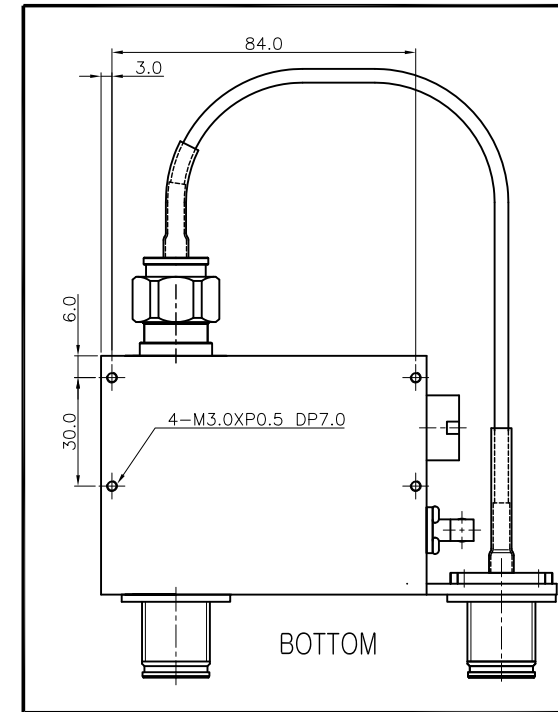
Parameter	Unit	Comment	Specifications			
Frequency Range	MHz		MiMo 변조		Main Port	
			10~500	698~960	1710~2700	2700~4000
VSWR(Input)		Max.	1.6 : 1	1.3 : 1	1.6:1	
Insertion Loss	dB	Max.	2.0dB	0.6dB	1.2dB (공진포함)	
Flatness	dB	Max.	0.4dB (@88~155MHz, 225~325MHz)	-	-	
Input Power		Max.	Total 1W	Total 200W	-	
Delay		Max.	10ns (Max.)	-	-	
Impedance			50 Ω			
PIMD			-153dBc(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			



한림전자 LAD1140-8 PIN MAP

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	삽입손실 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	2018.06.22.
B	Spec 변경(2.7~4GHz Spec 추가)	S.L.SON	J.H.YOUN	2019.09.26.



* 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

* DETAIL LABEL

Serial No : KJYYMMNNNN
- YY : Year
- MM : Month
- NNNN : Serial No

TOLERANCE	Decimal	DATE	2019. 09. 26.	TITLE	Bias Tee
	Angle	APPROVED BY	J.H.YOUN		
MATERIAL	±1°	CHECKED BY		DRAWN BY	S.L.SON
	A6061 T6				
FINISH	White Chromate	SCALE	1/1	UNIT	mm
		DWG NO.	BT00029-7/B		
		REVISION	B	SHEET 1 of 1	



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