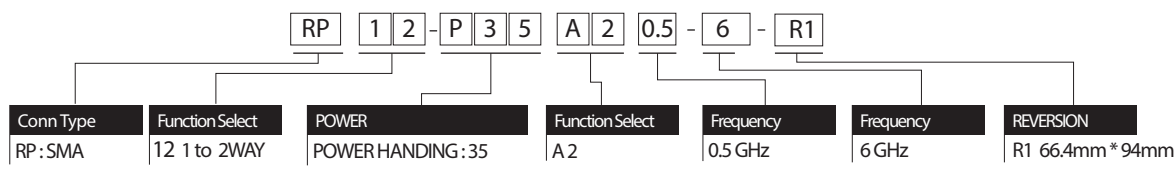


PART NUMBER DESCRIPTION



MATERIAL

	MATERIAL	FINISH
FEMALE CENTER CONTACT	BERYLLIUM COPPER	GOLD PLATED
FEMALE OUTER CONTACT	STAINLESS STEEL	PASSIVATED
CASE	ALUMINUM	GRAY PAINT

MECHANICAL AND ENVIRONMENTAL

	TEST CONDITION	SPECIFICATION
FORCE TO ENGAGE/DISENGAGE	N/A	2 in-lbs MAX
TEMPERATURE RANGE	N/A	-30°C TO +85°C

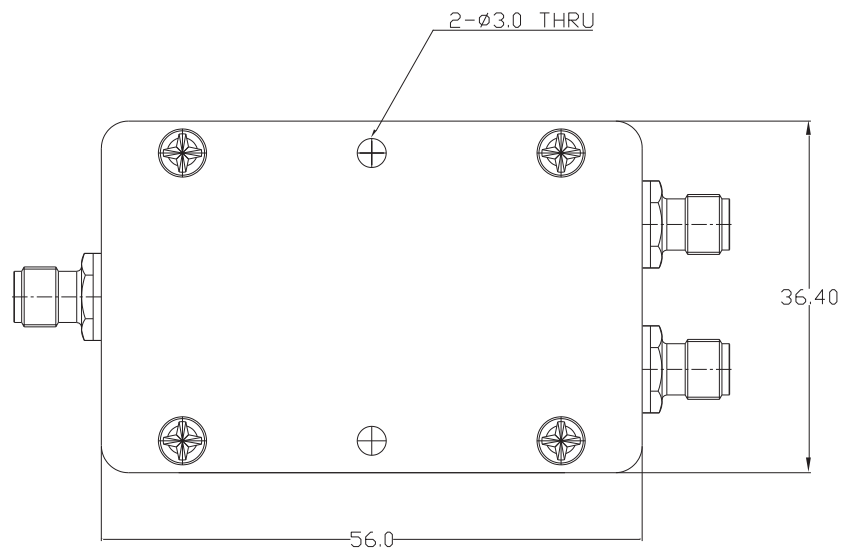
ELECTRICAL

	TEST CONDITION	SPECIFICATIONS
IMPEDANCE	0.5 ~ 6 GHz	50 Ohms
VSWR (INPUT)	0.5 ~ 0.7 GHz	≤1.55 Max
	0.7 ~ 6 GHz	≤1.3 Max
VSWR (OUTPUT)	0.5 ~ 6 GHz	≤1.3 Max
ISOLATION	0.5 ~ 0.7 GHz	≥15 dB
	0.7 ~ 6 GHz	≥20 dB
INSERTION LOSS (ABOVE THEORETICAL LOSS : 3 dB)	0.5 ~ 6 GHz	0.7 dB Max
PHASE UNBALANCE	0.5 ~ 6 GHz	± 2° Max
AMPLITUDE UNBALANCE	0.5 ~ 6 GHz	≤±0.3 dB Max
FORWARD PWOER	0.5 ~ 6 GHz	35 W (AVG.)
REVERSE POWER	0.5 ~ 6 GHz	2 W (AVG.)
PEAK POWER	0.5 ~ 6 GHz	300 W



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STANDARD DIMENSIONS (Unit:mm)



RP12-P35A20.5-6-R1



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