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EPSMA™

Introduction

The Enhanced Performance SMA connector series (EPSMA™) provides mode free performance to 27 GHz. In addition, these connectors are tuned to provide ultra-low VSWR to 27 GHz (typically 1.15:1). This new product offering consists of field replaceable styles with industry standard flange configurations and pin sizes; low RF leakage (less than 90 dB) and all interfaces conform to MIL-STD 348.



Features and Applications

- Frequency Range: DC to 27GHz
- Low VSWR to 27GHz
- 2 Hole and 4 Hole flange field replaceable configurations
- Low RF leakage (less than 90dB)
- Interface conforms to MIL-STD-348
- Common configurations in stock
- Military & Defense modules
- Test equipment

Product Table

Flange Size	Connector Gender(s)	Rear Socket To Accept Pin Diameters					
		.009	.012	.015	.018	.020	.036
	Male	H5774-	H5774-	H5774-	H5774-	H5774-	H5774-

4 Hole .500 SQ	Female	1CCSF	2CCSF	3CCSF	4CCSF	5CCSF	6CCSF
		H5610-	H5610-	H5610-	H5610-	H5610-	H5610-
4 Hole .375 SQ	Male	1CCSF	2CCSF	3CCSF	4CCSF	5CCSF	6CCSF
		H5772-	H5772-	H5772-	H5772-	H5772-	H5772-
4 Hole .500X.375	Female	1CCSF	2CCSF	3CCSF	4CCSF	5CCSF	6CCSF
		H5638-	H5638-	H5638-	H5638-	H5638-	H5638-
2 Hole .223X.625L	Male	1CCSF	2CCSF	3CCSF	4CCSF	5CCSF	6CCSF
		H5639-	H5639-	H5639-	H5639-	H5639-	H5639-
2 Hole .190X.550L	Female	1CCSF	2CCSF	3CCSF	4CCSF	5CCSF	6CCSF
		H5771-	H5771-	H5771-	H5771-	H5771-	H5771-
2 Hole .500L	Male	1CCSF	2CCSF	3CCSF	4CCSF	5CCSF	
		H5637-	H5637-	H5637-	H5637-	H5637-	H5637-
Thread-in	Female	1CCSF	2CCSF	3CCSF	4CCSF	5CCSF	6CCSF
		H5770-	H5770-	H5770-	H5770-	H5770-	
	Male	1CCSF	2CCSF	3CCSF	4CCSF	5CCSF	
		H5636-	H5636-	H5636-	H5636-	H5636-	
	Female	1CCSF	2CCSF	3CCSF	4CCSF	5CCSF	
		H5695-	H5695-	H5695-	H5695-	H5695-	
	Male	1CCSF	2CCSF	3CCSF	4CCSF	5CCSF	
		H5696-	H5696-	H5696-	H5696-	H5696-	
	Female	1CCSF	2CCSF	3CCSF	4CCSF	5CCSF	
		H5955-	H5955-	H5955-	H5955-	H5955-	H5955-
	Male	1CCSF*	2CCSF*	3CCSF*	4CCSF*	5CCSF*	6CCSF*
		H5959-	H5959-	H5959-	H5959-	H5959-	H5959-
	Female	1CCSF	2CCSF	3CCSF	4CCSF	5CCSF	6CCSF