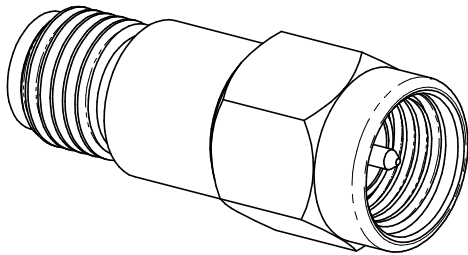


REV	ECO	DATE
E	21238	2/13/2007
J	24180	4/3/2012
K	25287	12/16/2014



NOTES: UNLESS OTHERWISE SPECIFIED.

1. MATERIAL AND FINISH:

- 1.1 BODY & COUPLING NUT: PASSIVATED STAINLESS STEEL
- 1.2 DIELECTRIC: PTFE (TEFLON)
- 1.3 CENTER CONTACT: GOLD PLATED BERYLLIUM COPPER
- 1.4 GASKET: SILICONE RUBBER

2. ELECTRICAL:

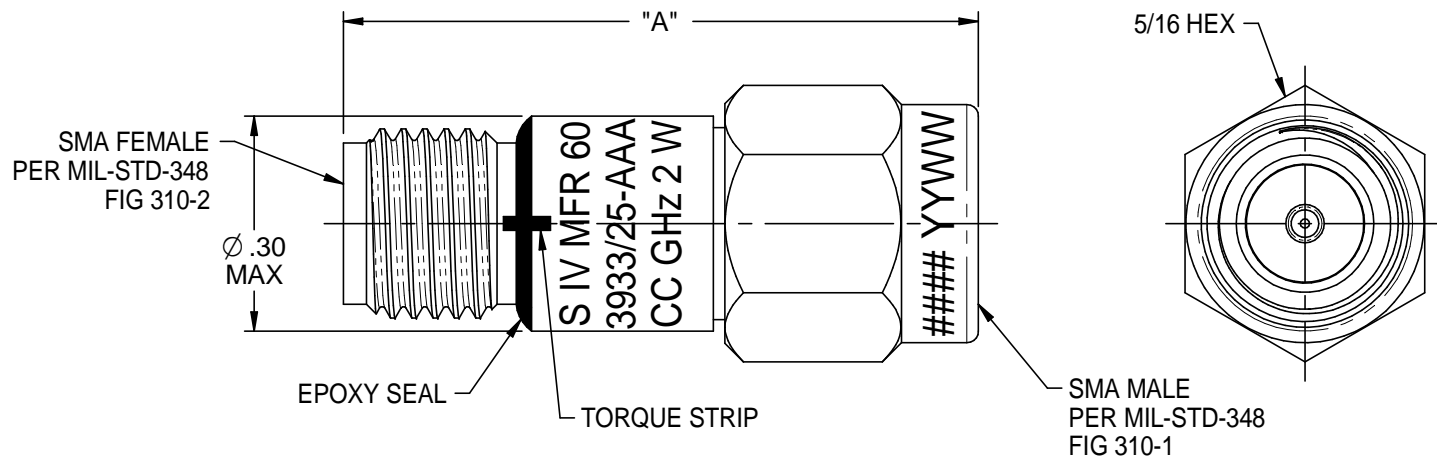
- 2.1 FREQUENCY RANGE: SEE TABLE (SH 2)
- 2.2 IMPEDANCE (NOMINAL): 50 OHMS
- 2.3 VSWR (MAX) BOTH ENDS:
 - 2.3.1 M3933/25-01 THRU -25
DC - 2.0 GHz: 1.15:1
 - 2.3.2 M3933/25-27 THRU -54
DC - 2.0 GHz: 1.10:1
2.0 - 4.0 GHz: 1.15:1
4.0 - 8.0 GHz: 1.20:1
8.0 - 12.4 GHz: 1.25:1
 - 2.3.3 M3933/25-58 THRU -92
DC - 2.0 GHz: 1.10:1
2.0 - 4.0 GHz: 1.15:1
4.0 - 8.0 GHz: 1.20:1
8.0 - 12.4 GHz: 1.25:1
12.4 - 18.0 GHz: 1.35:1
- 2.4 ATTENUATION & ACCURACY: SEE TABLE
- 2.5 INPUT POWER (MAX):
 - 2.5.1 AVERAGE: 2 WATTS AT 25°C DERATED LINEARLY TO 0.5 WATTS AT 125°C.
 - 2.5.2 PEAK: 500 WATTS FOR A DUTY CYCLE OF 5×10^{-4} , MAX PULSE DURATION OF 5 MICROSECONDS.

3. OPERATING TEMP. RANGE: -55°C TO 125°C

4. WEIGHT (MAX): 0.45 OZ

5. TORQUE STRIP (SCREENED MODELS ONLY):

- 5.1 ENTHONE M-9-N WHITE/CATALYST B-3,
TML = 0.51%, CVCM = 0.04%


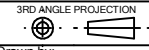


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	RoHS2 <input checked="" type="checkbox"/> 2011/65/EU	Cage Code 34078	Title: QPL ATTENUATOR 0 - 40 dB	
	UNLESS OTHERWISE SPECIFIED UNITS: INCH	3RD ANGLE PROJECTION 	Drawing No. M3933/25-XX(N OR S)-01	Rev. K
	.XX ±.02 .XXX ±.005 ANGLES ±2°	Drawn by: C. WALLACE	Date: 12/17/2014	Size A
		DO NOT SCALE DRAWING	Workmanship Std: NONE	Sheet 1 of 3

REV	ECO	DATE
E	21238	2/13/2007
J	24180	4/3/2012
K	25287	12/16/2014

MODEL NO. M3933/25-XX (N OR S)	ATTENUATION (dB)			"A" MAX	
	NOMINAL	ACCURACY (±)			
		DC - 2.0 GHz	DC - 12.4 GHz		DC - 18.0 GHz
M3933/25-01	1	0.3		0.87	
M3933/25-02	2	0.3		0.87	
M3933/25-03	3	0.3		0.87	
M3933/25-04	4	0.3		0.87	
M3933/25-05	5	0.3		0.87	
M3933/25-06	6	0.3		0.87	
M3933/25-07	7	0.3		0.87	
M3933/25-08	8	0.3		0.87	
M3933/25-09	9	0.3		0.87	
M3933/25-10	10	0.3		0.87	
M3933/25-11	11	0.3		0.87	
M3933/25-12	12	0.3		0.87	
M3933/25-13	13	0.3		1.03	
M3933/25-14	14	0.3		1.03	
M3933/25-15	15	0.3		1.03	
M3933/25-16	16	0.3		1.03	
M3933/25-17	17	0.3		1.03	
M3933/25-18	18	0.3		1.03	
M3933/25-19	19	0.3		1.03	
M3933/25-20	20	0.3		1.03	
M3933/25-21	21	0.5		1.03	
M3933/25-23	23	0.5		1.03	
M3933/25-25	25	0.5		1.03	


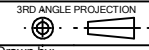
MODEL NO. M3933/25-XX (N OR S)	ATTENUATION (dB)			"A" MAX	
	NOMINAL	ACCURACY (±)			
		DC - 2.0 GHz	DC - 12.4 GHz		DC - 18.0 GHz
M3933/25-27	1		0.3	0.87	
M3933/25-28	2		0.3	0.87	
M3933/25-29	3		0.3	0.87	
M3933/25-30	4		0.3	0.87	
M3933/25-31	5		0.3	0.87	
M3933/25-32	6		0.3	0.87	
M3933/25-33	7		0.4	0.87	
M3933/25-34	8		0.4	0.87	
M3933/25-35	9		0.4	0.87	
M3933/25-36	10		0.4	0.87	
M3933/25-37	11		0.4	0.87	
M3933/25-38	12		0.4	0.87	
M3933/25-39	13		0.4	0.94	
M3933/25-40	14		0.4	0.94	
M3933/25-41	15		0.4	0.94	
M3933/25-42	16		0.4	0.94	
M3933/25-43	17		0.4	0.94	
M3933/25-44	18		0.4	0.94	
M3933/25-45	19		0.4	0.94	
M3933/25-46	20		0.7	1.04	
M3933/25-47	21		0.7	1.04	
M3933/25-48	22		0.7	1.04	
M3933/25-49	23		0.7	1.04	

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	RoHS2 <input checked="" type="checkbox"/> 2011/65/EU	Cage Code 34078	Title: QPL ATTENUATOR 0 - 40 dB	
	UNLESS OTHERWISE SPECIFIED UNITS: INCH	3RD ANGLE PROJECTION 	Drawing No. M3933/25-XX(N OR S)-01	Rev. K
	.XX ±.02 .XXX ±.005 ANGLES ±2°	Drawn by: C. WALLACE	Date: 12/17/2014	Size A
		DO NOT SCALE DRAWING	Workmanship Std: NONE	
			Sheet 2 of 3	

REV	ECO	DATE
E	21238	2/13/2007
J	24180	4/3/2012
K	25287	12/16/2014

MODEL NO. M3933/25-XX (N OR S)	ATTENUATION (dB)				"A" MAX
	NOMINAL	ACCURACY (±)			
		DC - 2.0 GHz	DC - 12.4 GHz	DC - 18.0 GHz	
M3933/25-50	24		0.7		1.04
M3933/25-51	25		0.7		1.04
M3933/25-52	30		1.0		1.04
M3933/25-53	35		1.0		1.35
M3933/25-54	40		1.0		1.35
M3933/25-58	0.0			0.3	0.87
M3933/25-59	0.5			0.3	0.87
M3933/25-60	1.0			0.3	0.87
M3933/25-61	1.5			0.3	0.87
M3933/25-62	2.0			0.3	0.87
M3933/25-63	2.5			0.3	0.87
M3933/25-64	3.0			0.3	0.87
M3933/25-65	3.5			0.3	0.87
M3933/25-66	4.0			0.3	0.87
M3933/25-67	4.5			0.3	0.87
M3933/25-68	5.0			0.3	0.87
M3933/25-69	5.5			0.3	0.87
M3933/25-70	6.0			0.3	0.87
M3933/25-71	6.5			0.3	0.87
M3933/25-72	7.0			0.4	0.87
M3933/25-73	7.5			0.4	0.87
M3933/25-74	8.0			0.4	0.87
M3933/25-75	8.5			0.4	0.87

MODEL NO. M3933/25-XX (N OR S)	ATTENUATION (dB)				"A" MAX
	NOMINAL	ACCURACY (±)			
		DC - 2.0 GHz	DC - 12.4 GHz	DC - 18.0 GHz	
M3933/25-76	9.0			0.5	0.87
M3933/25-77	9.5			0.5	0.87
M3933/25-78	10.0			0.5	0.87
M3933/25-79	11.0			0.5	0.87
M3933/25-80	12.0			0.5	0.87
M3933/25-81	13.0			0.5	0.94
M3933/25-82	14.0			0.5	0.94
M3933/25-83	15.0			0.6	1.04
M3933/25-84	16.0			0.6	1.04
M3933/25-85	17.0			0.6	1.04
M3933/25-86	18.0			0.6	1.04
M3933/25-87	19.0			0.6	1.04
M3933/25-88	20.0			0.6	1.04
M3933/25-91	35.0			1.0	1.35
M3933/25-92	40.0			1.0	1.35

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			Sheet 3 of 3	