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SPECIFICATIONS**ELECTRICAL**

FREQUENCY RANGE	DC - 18 GHz
ATTENUATION ACCURACY	0-6 +/- 0.30
	6.5-20 +/- 0.50
	21-30 +/- 0.75
	40 +/- 1.0
VSWR	
DC - 4 GHz	1.15:1 MAX
4 - 12.4 GHz	1.25:1 MAX
12.4 - 18 GHz	1.35:1 MAX.
POWER (AVE);	2 WATTS
DERATE LINEARLY FROM 25°C to 10% @ 125°	
POWER (PEAK);	500 WATTS
At 5µ Second Pulse Width & 0.05% Duty Cycle	
IMPEDANCE	50 OHMS
OPERATING TEMP RANGE	-54°C TO +125°C

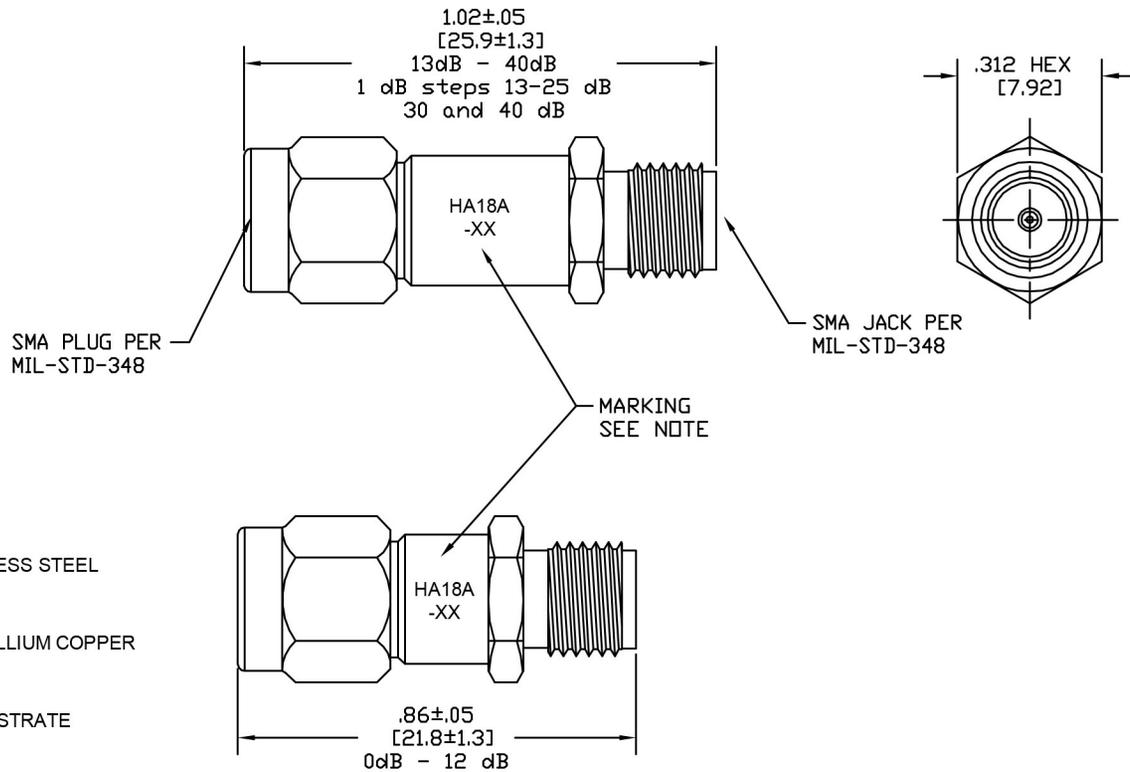
MECHANICAL

SMA CONNECTOR HOUSING	PASSIVATED STAINLESS STEEL
SMA CONNECTOR CENTER CONTACT	GOLD PLATED BERYLLIUM COPPER
RESISTIVE ELEMENT	THIN FILM HYBRID ON 99.6% ALUMINA SUBSTRATE
CONNECTOR INTERFACE	IAW MIL-STD-348 & MIL-PRF-39012

MARKING

PART LOOKS LIKE PRODUCT IMAGE ABOVE.
 PART MARKING ORIENTATION AND FORMAT AS SHOWN.
 "XX" IS TO BE REPLACED WITH A DOUBLE DIGIT dB VALUE FROM WORK ORDER.
 (EXCEPTION: FOR HALF dB VALUES, -XXX EQUALS THREE DIGITS.
 EXAMPLE -005 EQUALS -0.5)
 MARKING IS TO BE AS LARGE AS POSSIBLE, CLEAR, READABLE, AND A BLACK COLOR.
 TEXT HEIGHT .030" IS SUGGESTED ONLY, FIT AS DEPICTED.

REVISIONS				
REV	DESCRIPTION	ECD #	DATE	APPROVED
-	INITIAL RELEASE	14-214	5/21/14	T. KUHN



DRAWING PRACTICES PER ANSI-Y-14.8 MIL-STD-100 & 100B DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING SURFACE FINISH 63 ✓ SEE NOTES MATERIAL SEE NOTES NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION INTERPRET IAW ANSI Y14.5-1998	UNLESS OTHERWISE SPECIFIED TOLERANCES IN DECIMALS INCH DIMS X" .05" [1.27] XX" .03" [.76] XXX" .010 [25] ANGLES ±0°30' REMOVE ALL BURRS/SHARP W/ BREAK /R OF .003" TO .0005" UNLESS OTHERWISE NOTED DIAS CONCENTRIC <.003 T.I.R. DO NOT SCALE PRINT	DRAWN MCCORMICK CHECKED DATE 4/14/14 ENG APPR. T. KUHN DATE 4/14/14	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HASCO COMPONENTS AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS A BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS WRITTEN PERMISSION OF HASCO COMPONENTS
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TITLE SMA FIXED ATTENUATOR, DC-18 GHZ SIZE C SCALE 5:1	CAGE CODE 0T8L4 DRAWING NUMBER HA18A-XX SHEET 1 OF 1	DATE 4/14/14 DATE 4/14/14	REV -
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TITLE SMA FIXED ATTENUATOR, DC-18 GHZ	CAGE CODE 0T8L4	DRAWING NUMBER HA18A-XX	REV -
SCALE 5:1	SHEET 1 OF 1	TEMPLATE REV -	

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TEMPLATE REV -