

ELECTRICAL

FREQUENCY RANGE _____ 2 - 18 GHz

VSWR

INPUT _____ 1.50:1 MAX.
OUTPUT _____ 1.50:1 MAX.

INPUT PORT

AVG. POWER _____ 30 WATTS @ 25°C
DERATES LINEARLY TO 10% @ 85°C
IMPEDANCE _____ 50 OHMS
INSERTION LOSS _____ 1.0 dB (above theoretical split loss)
AMPLITUDE BALANCE _____ 0.3 dB MAX.
ISOLATION _____ 19 dB TYP./17 dB MIN.
PHASE BALANCE _____ 5° MAX.
OPERATING TEMP RANGE _____ -55°C TO +85°C

MECHANICAL

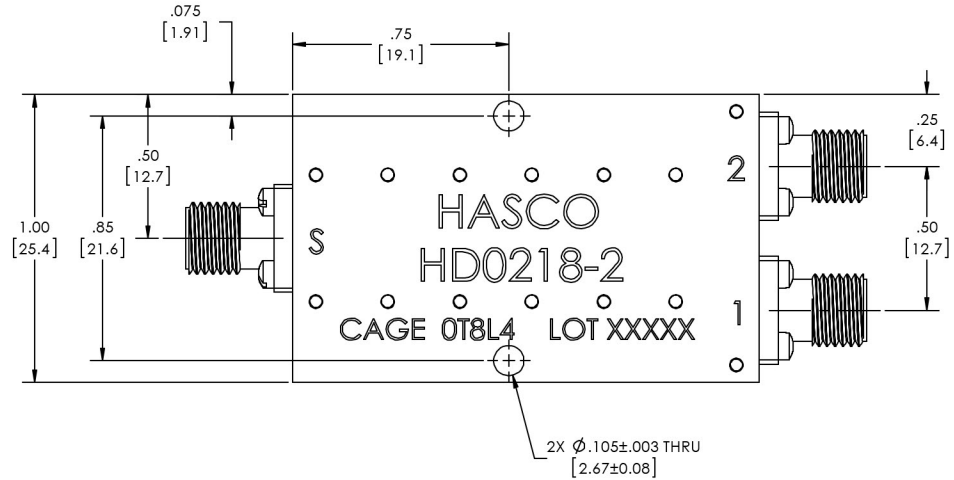
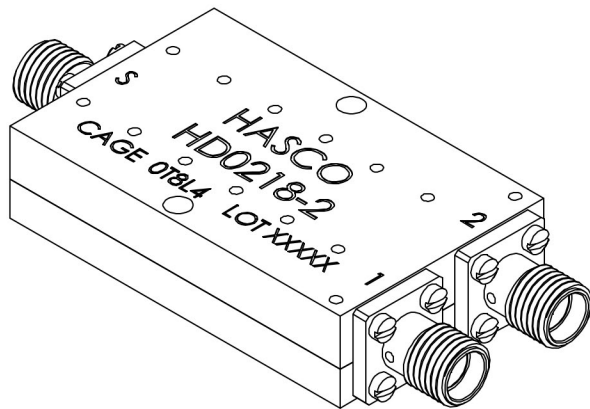
SMA CONNECTORS - FEMALE/JACK (IAW MIL-PRF-39012 & MIL-STD-348)

CONTACTS GOLD PLATED BERYLLIUM COPPER
CONNECTOR HOUSING PASSIVATED STAINLESS STEEL
CIRCUIT CASE ALUMINUM ALLOY W/ CHEMICAL CONVERSION COAT

INSULATORS PTFE, VIRGIN ELECTRICAL GRADE
WEIGHT 1.2 oz. MAX.
TORQUE SMA CONNECTORS 7-10 IN. LB.
RoHS COMPLIANT

MARKING

PART LOOKS LIKE PRODUCT IMAGE ABOVE.
PART MARKING ORIENTATION AND FORMAT AS SHOWN.
LASER MARKING TO BE AS LARGE AS POSSIBLE, CLEAR, READABLE, AND A BLACK COLOR.
REPLACE XXXXX WITH MANUFACTURING LOT NUMBER.



DRAWING PRACTICES PER ANSI Y14.5 MIL-STD-100 & 1000		UNLESS OTHERWISE SPECIFIED TOLERANCES IN:		DRAWN McCORMICK 01/08/14		DATE 01/08/14				5214 Bonsai Street Moorpark, CA (888) 498-3242 www.hasco-inc.com	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE/AFTER PROCESSING		DECIMALS	INCH	(MM)	CHECKED McCORMICK 01/08/14		DATE 01/08/14		COMPONENTS DISTRIBUTOR		
SURFACE ROUGHNESS INCHES		X"	.05"	[1.27]	ENG APPR. T.KUHN		DATE 01/08/14				
FINISH:		XX"	.03"	[.76]							
XXX"		.010"	[.25]								
SEE NOTES		ANGLES ±0°30'		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		TITLE POWER DIVIDER, 2-WAY, SMA, FEMALE, 2-18 GHz, 30 WATTS					
MATERIAL:		REMOVE ALL BURRS/SHARP W BREAK / R OF .003" TO .0005"				SIZE C		CAGE CODE 0T8L4		DRAWING NUMBER HD0218-2	
SEE NOTES		UNLESS OTHERWISE NOTED DIAS CONCENTRIC < .003 T.I.F.				SCALE		PLATED AREA SQ. IN		SHEET 1 OF 1	
NOTE: THIS DRAWING INCORPORATES THIRD ANGLE PROJECTION.		DO NOT SCALE PRINT								REV X7	
											
INTERPRET IAW ANSI Y14.5-1982											