



# CORRY MICRONICS, INC PRODUCT SPECIFICATION

## CMISP4TA-0.02-6GC Single Pole Four Throw Absorptive Switch

### Electrical Specifications

Parameters	Specifications
Frequency Range	0.02 - 6 GHz
Insertion Loss	3 dB Max
VSWR	1.5:1 Max
Isolation	80 dB Min
Switching Speed	500 ns Max
CW RF Power	+30 dBm Max
DC Bias	+5 V $\pm$ 0.5 V @ 160 mA Max, -5 V $\pm$ 0.5 V @ 50 mA Max
TTL Control	+5 V / 0 V
Material	Aluminum
Finish	Gold Plating
RF Connectors	SMA - Female
Operating Temperature	-45°C to +85°C
Storage Temperature	-55°C to +125°C
Vibration	25 g rms (2kHz)
Humidity	100% RH at 35°C, 95% RH at 40°C
Shock	20G for 11 msc
Dimensions	See Attached Drawing (All Measurements are in mm [Inches])

\* Switching Speed is defined as 50% TTL to 90% RF (t-on) and 50% TTL to 10% RF (t-off)

### Truth Table

Control Input TTL				Signal Path State
E4	E3	E2	E1	
1	1	1	0	J0 to J1
1	1	0	1	J0 to J2
1	0	1	1	J0 to J3
0	1	1	1	J0 to J4

**CALL OUR SALES DEPARTMENT FOR MORE INFORMATION OR VARIATIONS OF THIS PRODUCT.**

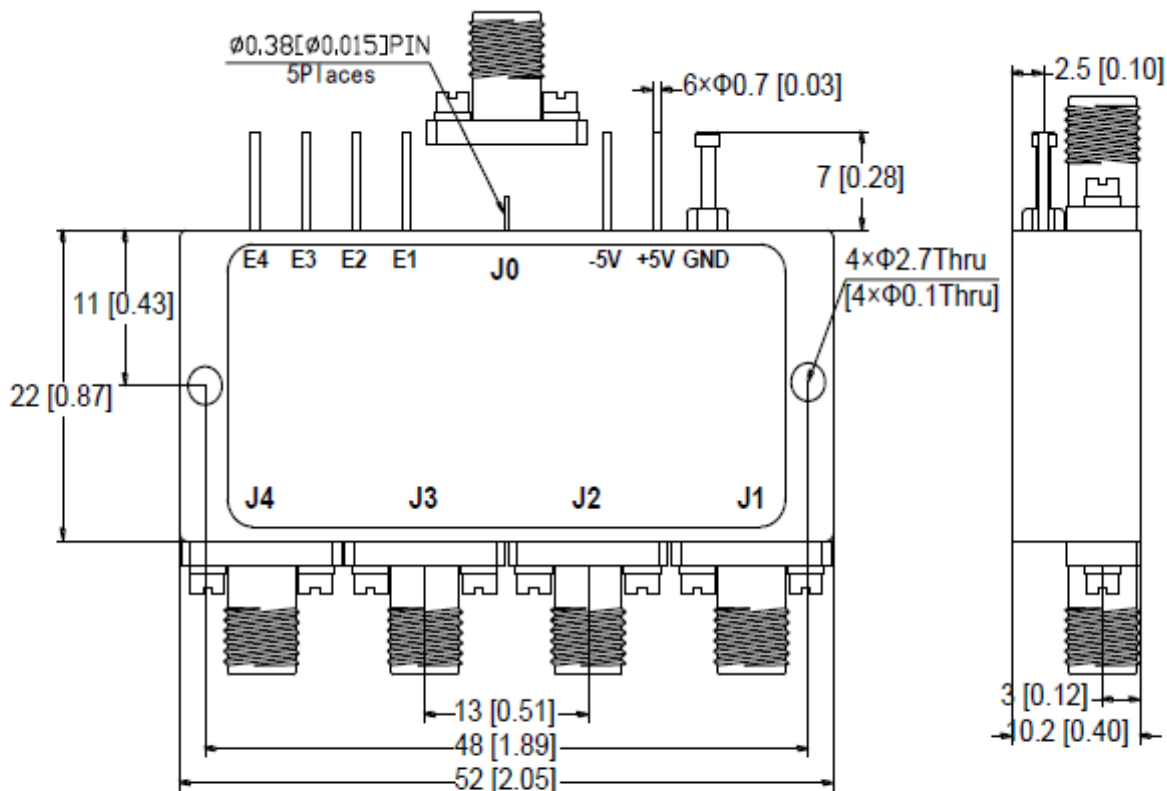
**Corry Micronics, Inc. One Plastics Rd. - Corry, PA 16407**  
**(724) 940-7556 ext. 138 Fax (724) 940-7707 [www.cormic.com](http://www.cormic.com)**

Corry Micronics Inc. herein referred to CMI, believes this information to be accurate, but makes no warranties, expressed or implied as to the accuracy of this document. CMI assumes no liability for any injury, loss, damage, direct or consequential arising from the use of our products. User assumes all risk whatsoever in connection with its intended use. CMI also reserves the right to change this document without notice. 08/16/2018



# CORRY MICRONICS, INC PRODUCT SPECIFICATION

## Outline Drawing



Dimensions are in MM [inches].

Unless otherwise specified, Outline drawing +/-0.1mm; Hole +/-0.02mm.

**CALL OUR SALES DEPARTMENT FOR MORE INFORMATION OR VARIATIONS OF THIS PRODUCT.**

**Corry Micronics, Inc. One Plastics Rd. - Corry, PA 16407**  
**(724) 940-7556 ext. 138 Fax (724) 940-7707 [www.cormic.com](http://www.cormic.com)**

Corry Micronics Inc. herein referred to CMI, believes this information to be accurate, but makes no warranties, expressed or implied as to the accuracy of this document. CMI assumes no liability for any injury, loss, damage, direct or consequential arising from the use of our products. User assumes all risk whatsoever in connection with its intended use. CMI also reserves the right to change this document without notice. 08/16/2018