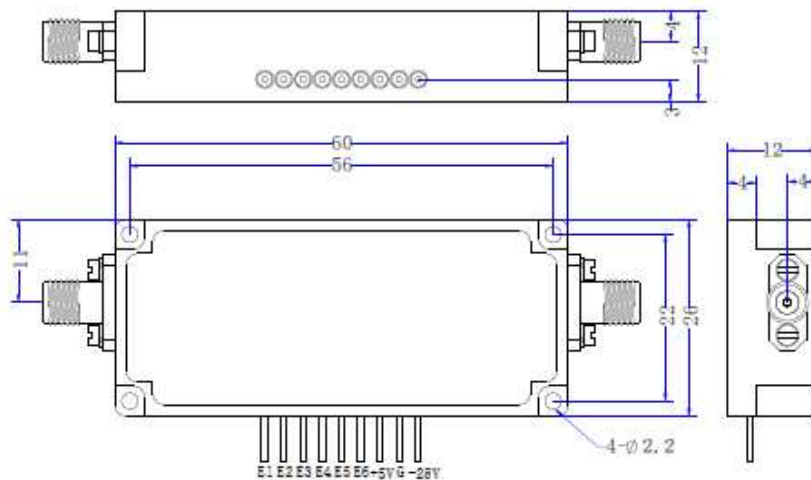




CORRY MICRONICS, INC PRODUCT SPECIFICATION

CMIPS-0912B6
6-bit Dispersive Phase Shifter

Parameters	Specifications
Frequency Range	0.9-1.2 GHz
Insertion Loss	≤ 2.0 dB
VSWR	≤ 1.5:1
Phase Shift Flatness	≤ ±4° @ 1.05 GHz (center frequency)
Phase Unbalance	≤ ±3° (phase difference between different phase shifter)
Amplitude Variation	≤ ±0.3dB (caused by phase change)
Amplitude Unbalance	≤ ±0.3dB (amplitude difference between different phase shifter)
Max. Input Power	≤ 550W peak; ≤ 10W CW
Control Bit	6 bit (basic phase shift degrees: 5.625°, 11.25°, 22.5°, 45°, 90°, 180°) @ 1.05 GHz (center frequency)
Power Supply	+5V(400mA), -28V(50mA)
Control Logic	6-bit TTL (0: TTL low, 1: TTL high)
Input/Output Connectors	SMA-Female
Operating Temperature	-40°C ~ 70°C
Storage Temperature	-55°C ~ 85°C
Surface Finish	Natural Color Conductive Oxidation
Dimensions	See Below Drawing All measurements are in mm



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

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Truth Table:

E1	E2	E3	E4	E5	E6	5.625°	11.25°	22.5°	45°	90°	180°
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	5.625°	0	0	0	0	0
0	1	0	0	0	0	0	11.25°	0	0	0	0
0	0	1	0	0	0	0	0	22.5°	0	0	0
0	0	0	1	0	0	0	0	0	45°	0	0
0	0	0	0	1	0	0	0	0	0	90°	0
0	0	0	0	0	1	0	0	0	0	0	180°
1	1	1	1	1	1	354.375°					

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