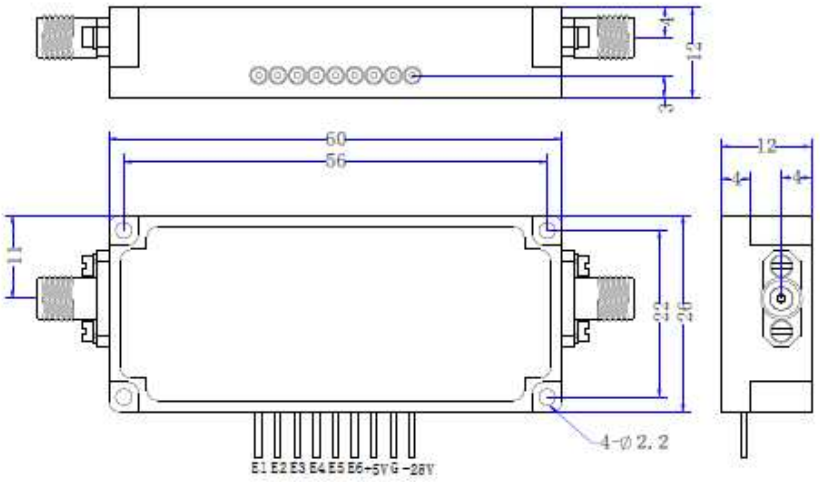
CORRY MICRONICS, INC PRODUCT SPECIFICATION

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*

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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