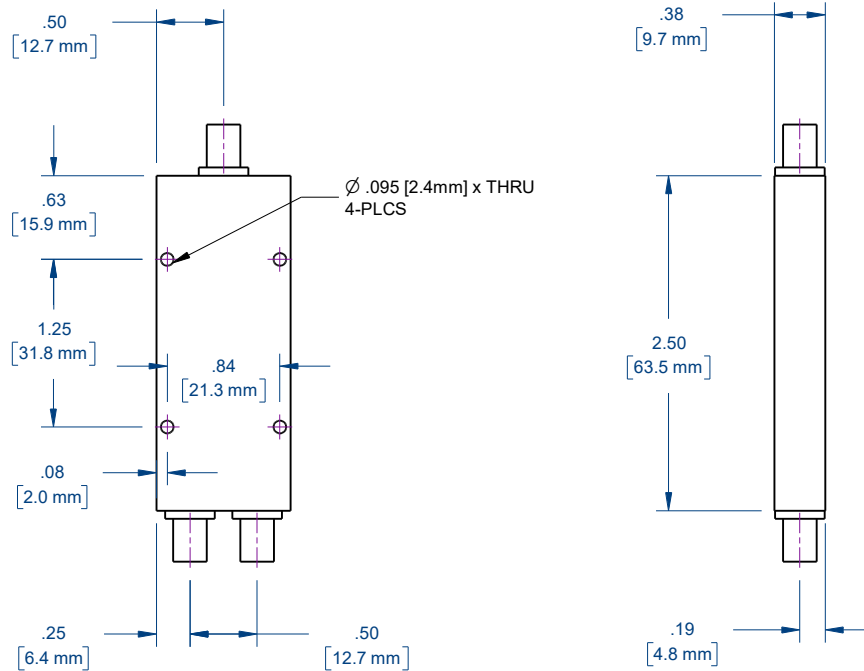




Model 12218 Power Divider

2-way, Stripline, 2-18GHz, SMA-Female

RoHS
Compliant



REPLACES P/N's 2PS0218 AND WMPD02-2-18-S-X

Specifications	Min	Typ	Max	Unit
Frequency Range	2		18	GHz
Impedance		50		Ohms
Insertion Loss (above 3.01 dB)		0.7	1.0	dB
Amplitude Unbalance		0.1	0.3	dB
Phase Unbalance		1.5	4	deg
Isolation	17	20		dB
Common Port VSWR		1.35	1.55	:1
Split Ports VSWR		1.25	1.5	:1
Input Power as Coherent Splitter			10	W
Operating Temperature	-55		+85	°C

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 [mm] SHOWN FOR CONVENIENCE
 TOLERANCES ON:
 2 PL DECIMALS: \pm .03
 3 PL DECIMALS: \pm .015
 ANGLES: \pm 1°

Housing Material:
 Aluminum Alloy 5052 and/or 6061
 Housing Finish:
 RoHS Clear Chem Film MIL-DTL-5541 Class 3
 Connectors Material:
 Stainless Steel
 Connectors Insulators:
 PTFE
 Solder Alloys Used:
 Sn 96.5, Ag 3.0, Cu 0.5 (Standard)
 Sn 42, Bi 57.6, Ag 0.4 (Special-Purpose)

Operating Environment:
 Indoor use only.
 Relative Humidity less than 90%, non-condensing.
 Weatherproofing and paint options available.

REV	DESCRIPTION	DATE	APPROVED
0	Re-release under new part numbering system.	11-24-2017	ETW

SIZE A	CAGE CODE 78YZ0	DRWG NO. SPEC-12218	REV. 0
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Specifications subject to change without notice.

SCALE 1 : N/A	SHEET
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