REVISIONS		
ISS	ZONE	DESCRIPTION\PER REQUEST

3rd ANGLE PROJECTION

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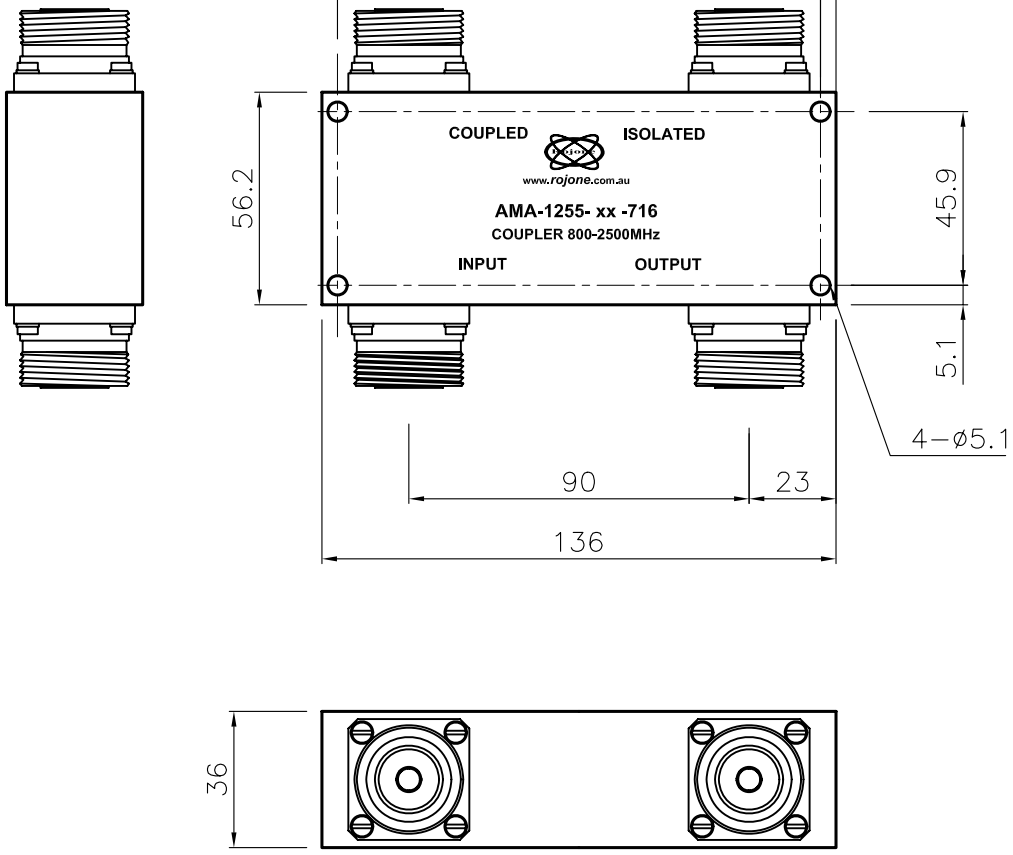
DO NOT SCALE

REVISION	DATE	CHECKED
A	11-12-2006	H. JIA



SPECIFICATIONS for AMA-1255-XX-716

FREQUENCY RANGE:	0.8-2.5GHz
COUPLER TYPE:	4 PORT DIRECTIONAL
POWER HANDLING:	200W CW (@25°C)
COUPLING VALUE:	3,4.8,6,7,8,9,10,13,15,20,30 & 46dB
DIRECTIVITY:	20dB (Typ)
RETURN LOSS:	<-20dB (Typ)
AMP BALANCE:	< ± 0.5dB
IM:	<-150dBc@43dBmx2 -155dBc Typ
INSERTION LOSS(THRU LINE):	03 -- 3.2dB 4.8 -- 2.0dB 06 -- 1.5dB 07 -- 1.2dB 08 -- 0.90dB 09 -- 0.80dB 10 -- 0.60dB 12 -- 0.50dB 13 -- 0.30dB 15 -- 0.27dB 18 -- 0.24dB 20 -- 0.20dB
INSERTION LOSS (COUPLED LINE):	COUPLING LOSS + DISSIPATIVE LOSS
DISSIPATIVE LOSS:	<0.3dB (typ)
OPERATING TEMPERATURE:	-40° TO +65° CELCIUS
HUMIDITY:	<99% NO CONDENSATION
WEIGHT:	820 GRAMS ALUMINIUM HOUSING (WITHOUT LOAD) 1700 GRAMS BRASS HOUSING (WITHOUT LOAD)

NOTES:

1/ ROJONE PART No. DESIGNATION AMA-1255-XX-716
eg. 6, 10, 15, OR 20 (COUPLING VALUE)

2/ UNUSED PORTS MUST BE TERMINATED WITH 50 Ohm LOADS.

3/ COUPLERS ARE DESIGNED FOR L0W INTERMODULATION OPERATION.

4/ ALL CONNECTORS ARE DIN-TYPE STRAIGHT FEMALE RECEPTACLES.

*5/ "*** *" INDICATES CUSTOM-DESIGNED COUPLING VALUE.*

6/ OTHER VALUES ARE AVAILABLE ON REQUEST.

ROJONE PTY LTD ACN 002691241
61 AERO RD INGLEBURN 2565
SYDNEY, AUSTRALIA
Ph: (612) 9829 1555 Fax: (612) 9605 8812
Web: www.rojone.com.au E-mail: sales@rojone.com.au

MATERIAL	ALUMINIUM &/OR BRASS HOUSING & COVER
FINISH	POLYURETHANE AS2700 N42 STORM GREY
DRAWN	Y. GU
CHECKED	H. JIA
APPROVED	B. G.

TITLE: 800-2500MHz AMA-1255-XX-716 DIN-TYPE INTERFACE DRAWING

DRWG No: 001001450167

SCALE 1:1 SHEET 1 OF 1 A2

FILENAME 001001450167ISSA.DWG

UNLESS OTHERWISE STATED ALL DIMENSIONS ARE IN MILLIMETRES (mm) | TOLERANCE: LINEAR ±0.1 ANGULAR ±1° | REMOVE ALL BURRS AND SHARP EDGES