ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz): 12.000-18.000
IMPEDANCE (NOMINAL): 50 OHMS
* VSWR: INPUT: 1.30:1 TYP/1.40:1 MAX
* OUTPUT: 1.25:1 TYP/1.35:1 MAX
INSERTION LOSS (dB): 0.5 TYP/0.6 MAX
AMPLITUDE BALANCE (MAX): 0.3 dB
ISOLATION (dB): 20 TYP/18 MIN
PHASE BALANCE (MAX): 6 DEGREES
RF POWER (TOTAL MAX): 20 WATTS INPUT WITH LOAD
* (AS DIVIDER ONLY) VSWR 1.2:1 OR BETTER

* NOTE: SEE APPLICATION NOTE MAP-801 (e-MECA.COM)

MECHANICAL SPECIFICATIONS

CONNECTORS: SMA-MALE, STAINLESS STEEL, PASSIVATED
CONNECTOR PINS: BERYLLIUM COPPER, GOLD PLATED
HOUSING: ALUMINUM, RoHS COMPLIANT IRIDITE
INSULATORS: PTFE, VIRGIN ELECTRICAL GRADE
TEMPERATURE: -55°C TO +85°C
WEIGHT: 0.75 oz

MECA
ELECTRONICS, INC.
DENVILLE, NEW JERSEY
e-MECA.com

2-WAY, IN-PHASE (0 DEGREE), POWER DIVIDER/COMBINER, SMA CONNECTORS

MATERIAL:
SEE ABOVE
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES
FINISH:
SEE ABOVE
TOLERANCES
2 PLACES: ±0.02
3 PLACES: ±0.10
ANGLES: N/A
TIR: N/A
SCALE: NTS
SIZE
22424
DRAWING NO.
802-2-15.000
REV
C

C | SEE DCN #100901-1 | 09/02/10 | DB | RR
B | SEE DCN #080718-1 | 07/18/08 | NL | RR

[u]DESCRIPTION[/u] [DATE] [DR] [APP]

[u]C[/u] [u]B[/u] [u]LTR[/u] [PG]

[u]100901-1[/u] [u]09/02/10[/u] [u]DB[/u] [u]RR[/u]
[u]080718-1[/u] [u]07/18/08[/u] [u]NL[/u] [u]RR[/u]
[u]DESCRIPTION[/u] [DATE] [DR] [APP]