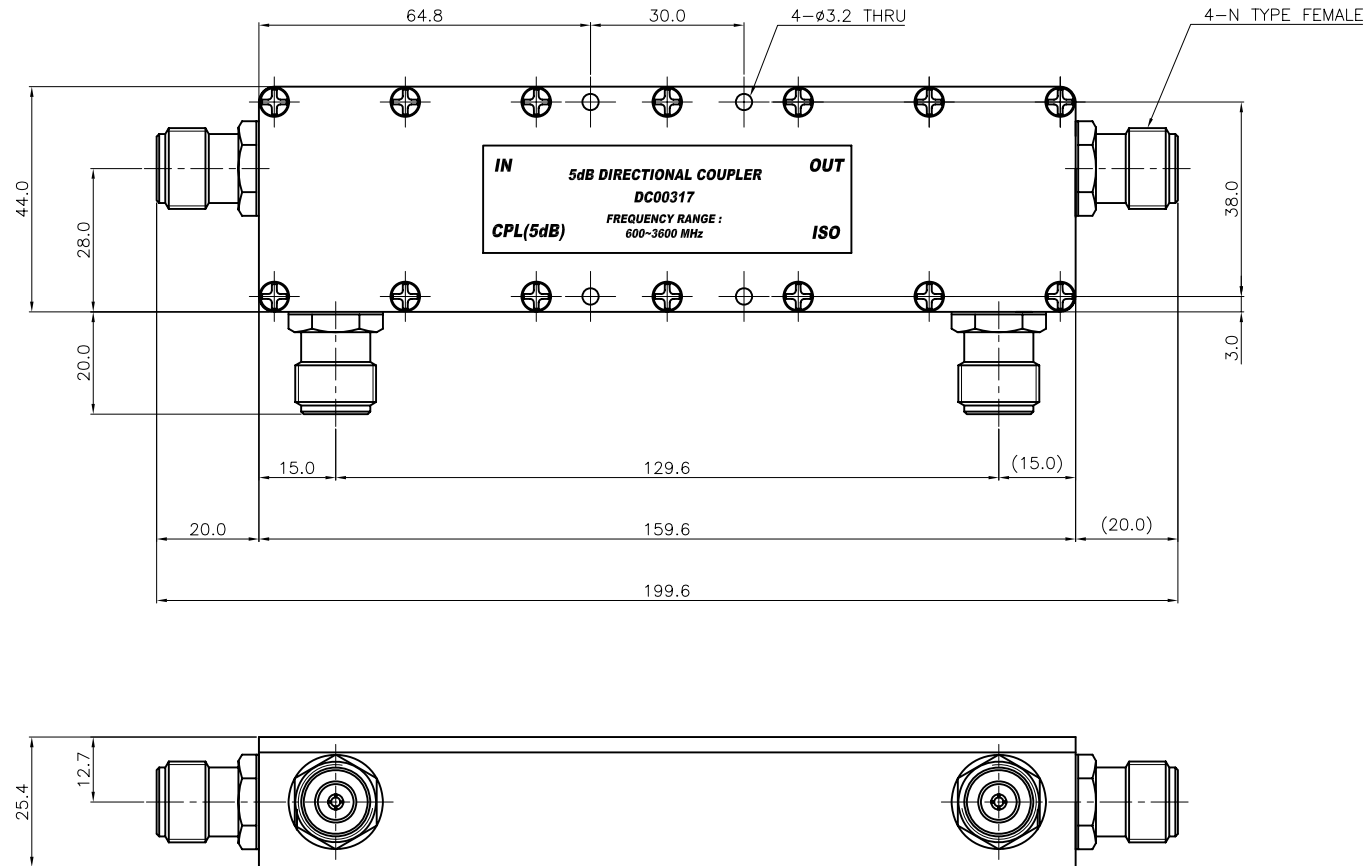


| REVISION |                      |         |          |             |
|----------|----------------------|---------|----------|-------------|
| REV      | DESCRIPTION          | DRAWN   | APPR     | DATE        |
| 1        | Initial Registration | T.J.KIM | J.H.YOUN | 2015.10.15. |



\* ELECTRICAL SPECIFICATIONS  
Frequency Range : 600~3600MHz  
Insertion Loss (Max.) : 2.3dB  
Input V.S.W.R (Max.) : 1.2 : 1  
Coupling Value :  $5 \pm 1$  dB  
Directivity (Min.) : 20dB  
Power Handling (Max.) : 200.0W  
PIMD (Max.) : -150dBc (@ 43dB 2 tone)  
Impedance :  $50\Omega$

\* MECHANICAL SPECIFICATIONS  
HOUSING : A6061 (DIC-582)  
CONNECTORS : MBsBD (SUCCO Plate)  
CONNECTORS PINS : Beryllium Copper (Silver Plate)  
INSULATORS : TEFLON

\* ENVIRONMENTAL SPECIFICATION  
IP-67

|                                                                                       |                          |                         |                                                                                                                                                                    |  |
|---------------------------------------------------------------------------------------|--------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| TOLERANCE                                                                             | Decimal<br>±0.3          | DATE<br>2015. 10. 15.   | <br>RF & MICROWAVE TECHNOLOGY<br>Tel : 82-32-347-8015<br>Fax : 82-32-347-8017 |  |
|                                                                                       | Angle<br>±1°             | APPROVED BY<br>J.H.YOUN |                                                                                                                                                                    |  |
| MATERIAL<br>A6061 T6                                                                  | FINISH<br>DIC-582(BLACK) | CHECKED BY<br>S.L.SON   | TITLE<br>5dB DIRECTIONAL COUPLER                                                                                                                                   |  |
|                                                                                       |                          | DRAWN BY<br>T.J.KIM     |                                                                                                                                                                    |  |
| SCALE<br>1/1                                                                          |                          | A3                      | DWG NO.<br>DC00317-6/1                                                                                                                                             |  |
| UNIT<br>mm                                                                            |                          |                         | REVISION<br>1                                                                                                                                                      |  |
|  |                          |                         | SHEET<br>1 of 1                                                                                                                                                    |  |