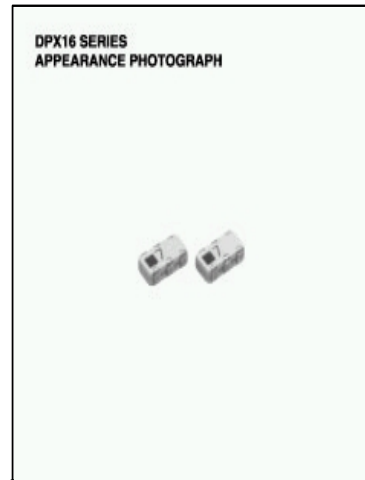


**Product Name**     **Diplexer**  
**Series**             **DPX16 Series**  
**Part Number**      **DPX165900DT-8025A1**

Product Lifecycle Stage    PROD



Specification		Summary/Applications/Features			
Mounting Method Flag	Yes	Summary	A diplexer function is always used in a dual band mobile phone. It works as the splitter which separates combined signals at the antenna port.		
Application Scope	Communication	Applications	Mobile Phone, Wireless LAN		
Application System	W-LAN	Features	Compact, High performance		
Function	Diplexer	<b>Packaging</b>			
Center Frequency 1	Nom	2450 M Hz	Packing	Punched (Paper)Taping [180mm Reel]	
Pass Bandwidth 1	Nom	100 M Hz	Minimum Package Qty	Nom	4000 Pcs
Area of Insertion Loss 1	Max	0.6 dB	Minimum Order Qty	Nom	4000 Pcs
Center Frequency 2	Nom	5500 M Hz	<a href="#">Details</a>		
Pass Bandwidth 2	Nom	800 M Hz	<a href="#">Catalog Info.</a>		
Area of Insertion Loss 2	Max	1.4 dB			
Area of VSWR	Max	2.3			
Attenuation 1	Min	18 dB			
Frequency Range of Attenuation 1	Min	4800 M Hz			
	Max	5000 M Hz			
Attenuation 2	Min	18 dB			
Frequency Range of Attenuation 2	Min	7200 M Hz			
	Max	7500 M Hz			
Attenuation 3	Min	20 dB			
Frequency Range of Attenuation 3	Min	1800 M Hz			
	Max	2500 M Hz			
Attenuation 4	Min	20 dB			
Freq Range of Attenuation 4	Min	3700 M Hz			
	Max	3900 M Hz			
Attenuation 5	Min	10 dB			
Frequency Range of Attenuation 5	Min	9800 M Hz			
	Max	11900 M Hz			
Input Matching Impedance	Nom	50 Ohm			
Output Matching Impedance	Nom	50 Ohm			
Soldering Method	Reflow				
Body Length(L)	Nom	1.6 m m			
Body Breadth(W)	Nom	0.8 m m			
Body Height(T)	Nom	0.6 m m			
Operating Temperature Range	Min	-40 Cel			
	Max	85 Cel			
Storage Temperature Range	Min	-40 Cel			
	Max	85 Cel			
Weight	Nom	0.004 g			

**[ Caution ]**  
 Specifications which provide more details for the proper and safe use of the described product are available upon request.

**[ Notice of Revision and Improve ]**  
 All specifications are subject to change without notice.