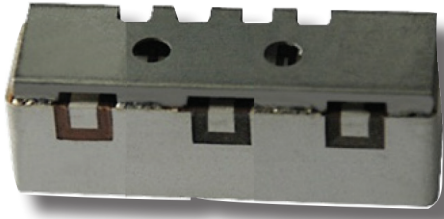


DPX: Universal-footprint Diplexers



CTS Electronic Components introduces the new high-reliability, surface-mounted ceramic filters that achieves impressive frequency combining of closely spaced neighboring frequency bands. Enables antenna sharing in multi-band Small Cells, DAS, and Repeater systems.

Product family offers versions for all of closely-spaced major frequency bands while sharing a common PCB layout enabling a platform solution.

Model	Freq Band#	Freq Band#	Freq Range [MHz]	Freq Range [MHz]
DPX0528A	5	28 12 13 17	698-803	824-894
DPX0103A	1	3	1710-1880	1920-2170
DPX1025A	2 25	4 10+	1850-1995	1710 - 1780 & 2110-2180
DPX0820A	8	20	880-960	791-862

Insertion Loss (5MHz avg)	< 1.6 dB
Cross-band Atten	>20 dB
Return Loss	> 12.0 dB
Input Power Rating	3.0W Avg 20W Peak
Size (L x W x H) (incl shield)	34.0 x <9.2 x <10.0mm
Max Weight	<14 g
Temperature Range	-40°C to +85°C



Universal PCB Footprint for all DPX frequency versions:

