

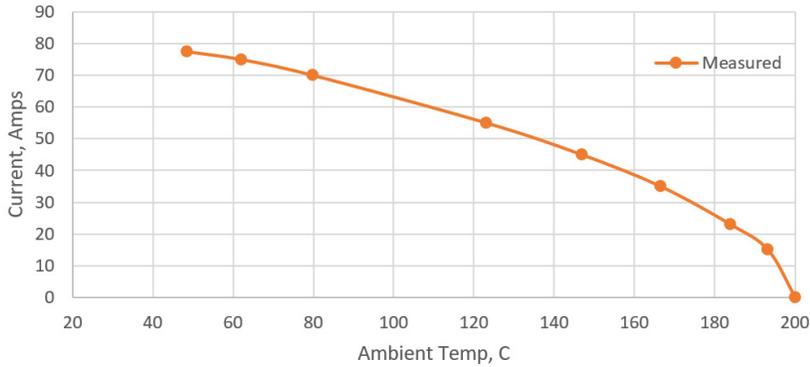


Series 806 PowerPlay high-density Performance Specification

SERIES 806 MIL-AERO POWERPLAY HIGH DENSITY

POWERPLAY™ PERFORMANCE SPECIFICATION								
Test Description	Requirement						Procedure	
Dielectric withstanding voltage (DWV)	PowerPlay DWV Levels (VAC)						EIA-364-20, Method A, 2 seconds dwell 2 mA maximum leakage current Mated pairs	
	Altitude	SeaLevel	15K	25K	50K	75K		100K
	Pin-Pin	3,200	3,000	2,800	2,600	2,600		2,600
	Pin-Grnd	3,200	3,000	2,800	2,600	2,600		2,600
Partial discharge, typical values	Insert Arrangement	Sea Level		25000 feet		50000 feet		IEC 60270 (ed 3.1)
		TYP PDIV (VAC)	TYP PDEV (VAC)	TYP PDIV (VAC)	TYP PDEV (VAC)	TYP PDIV (VAC)	TYP PDEV (VAC)	
	16P2	2,500	2,400	1,750	1,500	1,100	800	
	Insert Arrangement	75000 feet		100000 feet				
		TYP PDIV (VAC)	TYP PDEV (VAC)	TYP PDIV (VAC)	TYP PDEV (VAC)			
	16P2	800	400	700	300			
All values are typical and are not meant for performance specifications, test limits, etc.								

**ALUMINUM CONNECTORS RATED TO 200°C:
SIZE 12, IN HOUSING WITH CROWN RING CONTACTS**



**ALUMINUM CONNECTORS RATED TO 200°C:
SIZE 16, IN HOUSING WITH CROWN RING CONTACTS**

