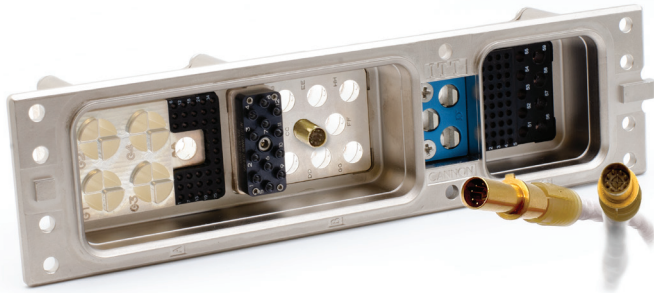




10 GbE/s Octorax Contact System for High Speed Data Transmission



ITT Cannon's 10 GbE/s Octorax contact systems fits perfectly in a standard size 8 contact cavity and provides versatility to any platform seeking higher data rates without wanting to change the connector footprint.

From ITT's BKA, ARINC 600 Rack and Panel Connectors to the vibration resistant, KJB Series (D38999-Style III), Cannon can provide a fully terminated interconnect solution and cable with custom layouts to meet your requirements.

Octorax Termini

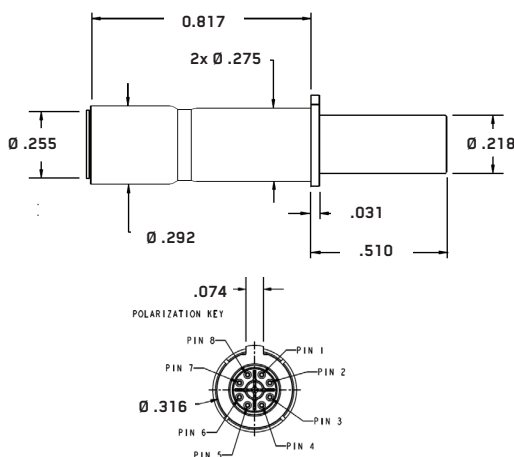
Electrical Specifications ARINC or BACC47 - 38999 Octorax

	Specification
Bandwidth	Up to 3 GHz
Data Rate	10 GbE/s
Voltage Rating	500 Vrms @ sea level
Current Rating	1.5 A nominal

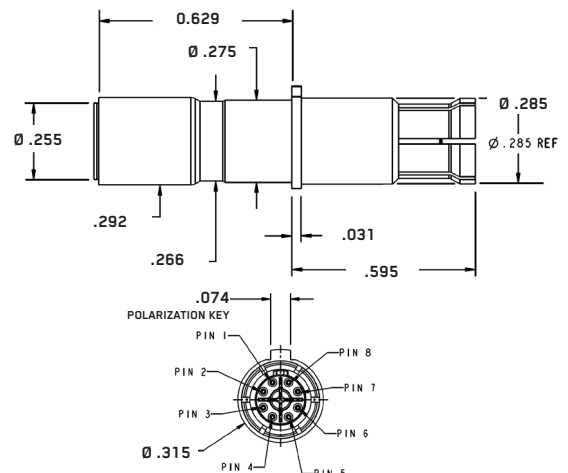
	Specification
Dielectric Withstanding Voltage	500 Vrms @ sea level
Contact Resistance	60mΩ maximum
Insulation Resistance	5000 megohms minimum
Impedence	100 Ω ± 10 Ω

ARINC Crimp Octorax

Size 8 Crimp Pin - Part Number 224-2100-000

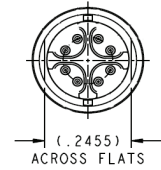
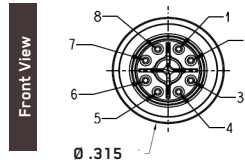
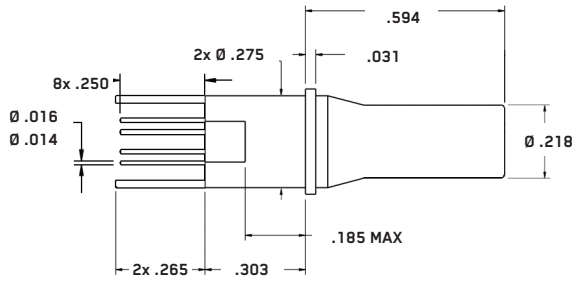


Size 8 Crimp Socket - Part Number 244-2100-000



Gender	Part Number	Type	Size	For Use In ITT Series	Test Standards	Max Cable Dia
Pin	224-2100-000	RR-RR	8	ARINC 600, ARINC 404 & 81659 Style, KJAQ (D38999-Style)	ARINC	0.210
Socket	244-2100-000	RR-RR	8	ARINC 600, ARINC 404 & 81659 Style, KJAQ (D38999-Style)	ARINC	0.210

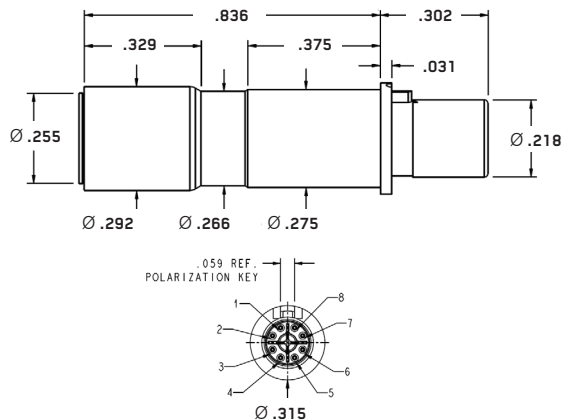
ARINC Solder, PCB Octorax



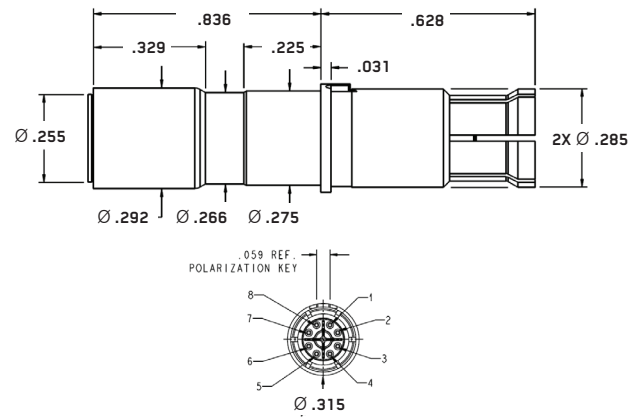
Gender	Part Number	Type	Size	Solder Post Length	A	B	For Use In ITT Series	Test Standards
Pin	224-0007-012	FR-FR	8	0.150	0.151 - 0.179	0.299 - 0.307	ARINC 600, ARINC 404 & 81659 Style, KJAQ (D38999-Style)	ARINC
Pin	224-0007-001	FR-FR	8	0.175	0.169 - 0.197	0.299 - 0.307		
Pin	224-0007-015	FR-FR	8	0.250	0.268 - 0.280	0.299 - 0.307		
Socket	224-0007-014	FR-FR	8	0.375	0.382 - 0.410	0.299 - 0.307		
Pin	224-0007-007	FR-FR	8	0.500, Extended Body	0.205 - 0.235	0.496 - 0.504		
Socket	224-0007-002	FR-FR	8	0.685, Extended Body	0.205 - 0.235	0.681 - 0.689		

BACC47 - 38999 Crimp Octorax

Size 8 Crimp Pin - 224-2100-003



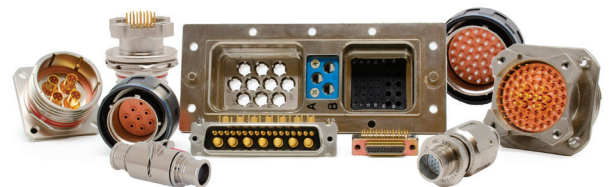
Size 8 Crimp Socket - 224-2100-001



Gender	Part Number	Type	Size	Application	Test Standards	Max Cable Dia
Pin		RR-RR	8	KJBQ (D38999 & EN3645 Styles), RPR (EN4165-Style)	D38999	0.210
Socket		RR-RR	8		D38999	0.210

ITT Cannon

Whether it's an end-to-end fiber optic solution, space saving power systems for IFE, or interconnects ensuring secure data protocols and weapon systems readiness, ITT Cannon understands the innovative requirements pushing today's aircraft networks to perform, because at ITT Cannon, We Connect When It Matters Most.



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