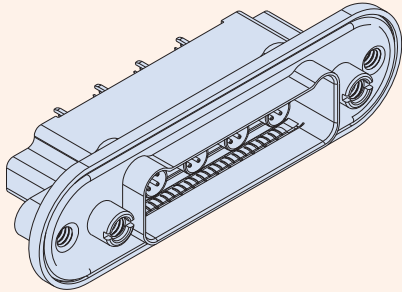


SERIES 792

High-Speed Ultraminiature Rectangular Connectors



792-021P Quadrax PCB Receptacle Connectors, Panel Mount Epoxy-Sealed Straight PC Tail Quadrax Contacts, O-ring Flange



Quadrax PCB contacts. Blind mate. Panel mount with O-ring. Series 792 PCB mount Quadrax connectors are intended for 100BASE-T and ARINC 664 protocols. 792-019P connectors feature quadrax contacts with straight printed circuit board tails, machined aluminum shells and environmental protection. Scoop-proof interface for problem-free service. Military-grade performance and construction.

Technical Data	
Specifications	
<ul style="list-style-type: none"> Operating temperature: -65 to +175 °C Current rating, size 23 contact: 5A Current rating, Quadrax contacts: 1.5A Voltage rating (DWV): 750 Vac Shock: EIA-364-27 condition D Vibration: EIA-364-28 condition V, letter E Insulation Resistance: 5000 MΩ min. Shell-to-shell resistance with EMI spring: 2.5 mΩ max. Altitude immersion: 75,000 feet 	
Construction	
<ul style="list-style-type: none"> Shell: aluminum alloy Metal insert: aluminum, nickel plated Insulators: high-grade rigid dielectric Interfacial seal: fluorosilicone blend Size 23 contacts: copper alloy, 50 microinches gold over nickel plating Quadrax contacts: Copper alloy, 50 microinches gold over nickel plating. Insulators: high-grade rigid thermoplastic EMI spring: copper alloy, nickel plated Hardware: 300 series SST, passivated Potting compound: epoxy 	

How To Order						
	Sample P/N → 792-021P	C-3P3	M	E	N	F
Product	792-021P = Panel Receptacle, PC Tail Quadrax Pin Contacts					
Insert Arrangement	See Table 2					
Shell Finish	M = Electroless Nickel MT = Nickel-PTFE ZR = Black Zinc-Nickel					
EMI Spring	E = EMI Spring N = Omit EMI Spring					
Mating Hardware (Table 1)	N = No hardware P = Jackposts B = Female Guide Bushings					
O-ring	N = No O-ring F = Fluorosilicone O-ring (non-conductive) C = Conductive fluorosilicone O-ring S = Metal EMI panel spring (non-environmental)					

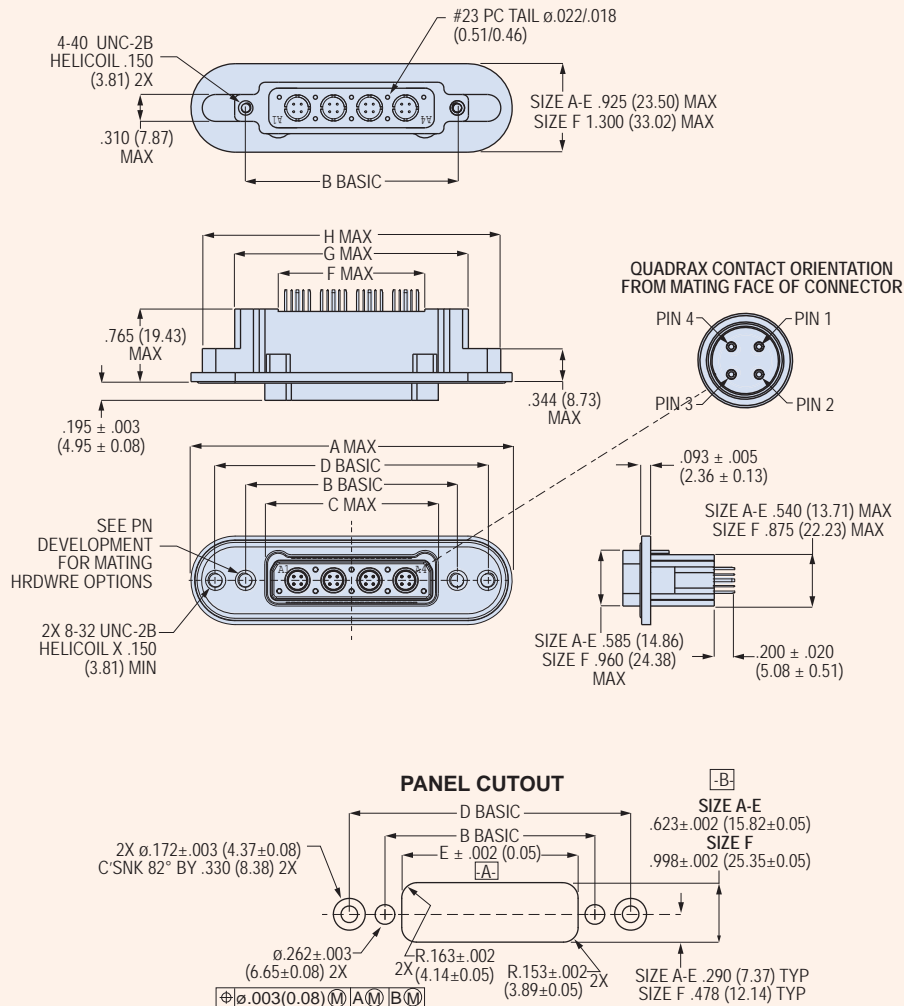
Table 1 Mating Hardware		
 N No Hardware Blind tapped holes	 P Jackposts 8-32 UNC-2B thread	 B Guide Bushings Non-removable

Table 2 Insert Arrangements					
Cavity identification numbers shown are for mating face of receptacle connectors with pin contacts. * Insert arrangements with "G" designator are grounded type with metal insert. Insert arrangements with "P" designator have thermoplastic dielectric.					

792-021P Quadrax PCB Receptacle Connectors, Panel Mount Epoxy-Sealed Straight PC Tail Quadrax Contacts, O-ring Flange

792-021P Dimensions

Shell Size	A Max		B Basic		C Max		D Basic		E ±.002 (0.05)		F Max		G Max		H Max	
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
A	2.220	56.39	1.075	27.31	.690	17.53	1.699	43.15	.725	18.42	.460	11.68	1.310	33.27	1.984	50.39
B	2.595	65.91	1.450	36.83	1.065	27.05	2.074	52.68	1.100	27.94	.835	21.21	1.685	42.80	2.359	55.92
C	2.970	75.44	1.825	46.36	1.440	36.58	2.449	62.20	1.475	37.47	1.210	30.73	2.060	52.32	2.734	69.44
D	3.345	84.96	2.200	55.88	1.815	46.10	2.824	71.73	1.850	46.99	1.585	40.26	2.435	61.85	3.109	78.97
E	3.720	94.49	2.575	65.41	2.190	55.62	3.199	81.25	2.225	56.52	1.960	49.78	2.810	71.37	3.484	88.49
F	3.720	94.49	2.575	65.41	2.190	55.62	3.199	81.25	2.225	56.52	1.960	49.78	2.810	71.37	3.484	88.49



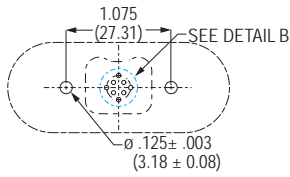
SERIES 792

High-Speed Ultraminiature Rectangular Connectors

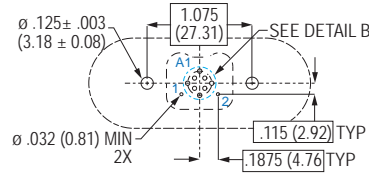


792-021P Quadrax PCB Receptacle Connectors, Panel Mount Epoxy-Sealed Straight PC Tail Quadrax Contacts, O-ring Flange

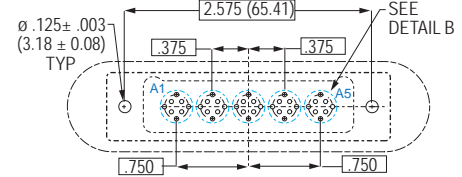
792-021P Printed Circuit Board Layouts



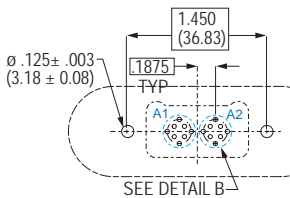
A-1P1, A-1G1



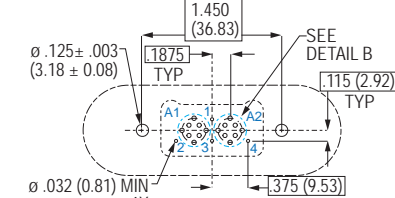
A-3P1



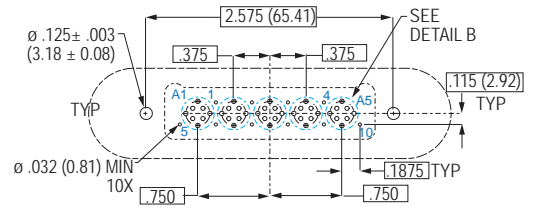
E-5P5, E-5G5



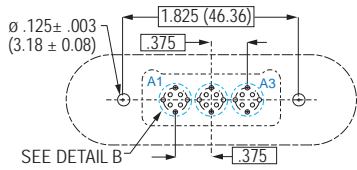
B-2P2, B-2G2



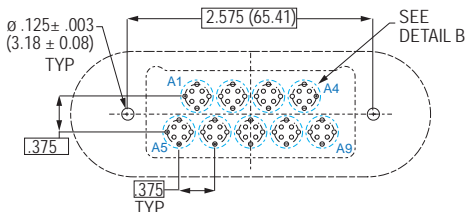
B-6P2



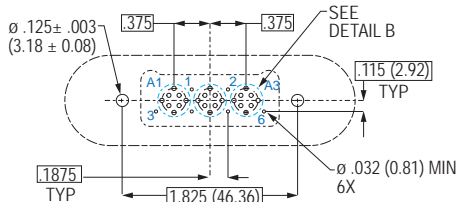
E-15P5



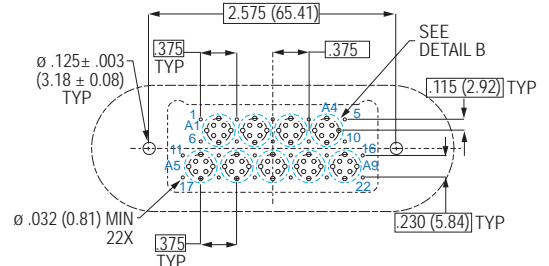
C-3P3, C-3G3



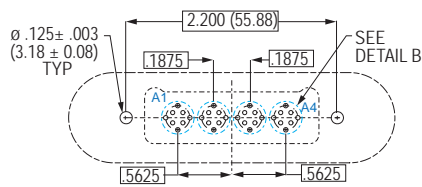
F-9P9, F-9G9



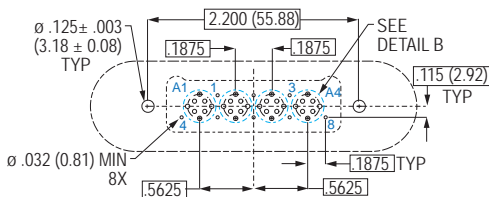
C-9P3



F-31P9



D-4P4, D-4G4



D-12P4

