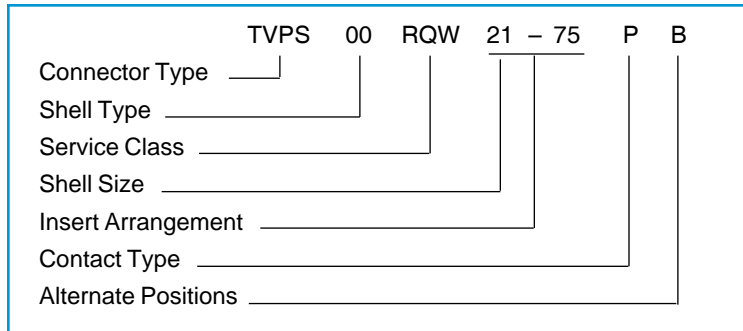


How to Order 38999, Series III Cylindricals With quadrax 100 ohm contacts

Amphenol Tri-Start, 38999 Series III* Connectors can be ordered with the following popularly used Quadrax contacts:
 100 ohm quadrax 21-033385-051 socket contacts
 100 ohm quadrax 21-033384-051 pin contacts
 Use the following coded number ordering procedure :

For ordering of connectors with any other quadrax contacts or differential twinax contacts, please consult Amphenol Aerospace for part numbers.



Connector Type

- TV designates Tri-Start Series Connector with metal shells
- TVP designates back panel mounted receptacle with metal shells
- CTV designates Tri-Start Series Connector with composite shells
- CTVP designates back panel mounted receptacle with composite shells

Shell Style

- 00 designates wall mount receptacle
- 02 designates box mount receptacle available only with the PCB tails and epoxy backfilled (non-removable)
- 06 designates straight plug
- 07 designates jam nut receptacle

Service Classes with Quadrax

- RQF electroless nickel plated aluminum
- RGQF electroless nickel plated ground plane aluminum
- RQW olive drab cadmium plate
- RGQW olive drab cadmium plated ground plane aluminum
- RQB NiAlBronze
- RGQB NiAlBronze ground plane
- RQK corrosion resistance stainless steel
- RGQK stainless steel ground plane
- DN Durmalon plated, Nickel-PTFE alternative to cadmium

Shell Size / Insert Arrangement

See insert arrangements available with quadrax contacts on preceding pages 21 and 22.

Contact Type

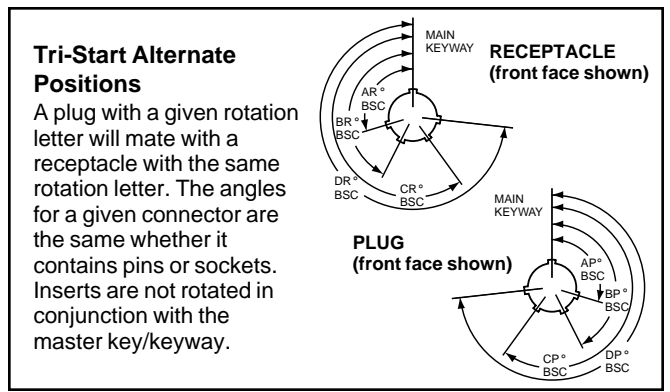
- P designates pin contacts
- S designates socket contacts

Alternate Positions

Locksmith keying - rotation of minor keys. See Tri-Start Alternate Positions at right. "N" not required for normal position

* The incorporation of quadrax or differential twinax contacts requires a modified connector to accommodate keyed contacts.

For more information on Tri-Start, MIL-DTL-38999 Series III connectors see catalog 12-092 or catalog 12-C1. New Amphenol Catalog 12-C1 will combine 38999 Series I, II and III and SJT Series in one catalog. It will also include 38999 with Filter/Transient Protection and with PC Tails



Shell Size	Key & Keyway Arrangement Identification Letter	AR° or AP° BSC	BR° or BP° BSC	CR° or CP° BSC	DR° or DP° BSC
9	N	105	140	215	265
	A	102	132	248	312
	B	80	118	230	312
	C	35	140	205	275
	D	64	155	234	304
11, 13, and 15	E	91	131	197	240
	N	95	141	208	236
	A	113	156	182	292
	B	90	145	195	252
	C	53	156	220	255
17 and 19	D	119	146	176	298
	E	51	141	184	242
	N	80	142	196	293
	A	135	170	200	310
	B	49	169	200	244
21, 23, and 25	C	66	140	200	257
	D	62	145	180	280
	E	79	153	197	272
	N	95	141	208	236
	A	113	156	182	292
25L, 33, and 37	B	90	145	195	252
	C	53	156	220	255
	D	119	146	176	298
	E	51	141	184	242
	N	80	142	188	293
	A	135	170	188	310
	B	49	169	188	244
	C	66	140	188	257
	D	62	145	188	280
	E	79	153	188	272