

# Quanwei

## ARINC 600 Series Rack & Panel Rectangular Connectors

### Brief Introduction

- High Performance of Environment Resistance
- Front or Rear Removable Contacts
- High Density Up to 800 Signal Contacts
- Low Insertion Force Contacts
- Free Collocation Insulators
- Apply to Aviation and Military Equipment Cabinet
- Signal, Power, Coaxial, Twinax, Quadrx Contacts
- Compliant ARINC 600 Specifications



### Specifications

#### 1. Material and Surface Treatment

Item	Material	Plating
Shell	Aluminum Alloy	----
Insulator	PPS Plastic	----
Contact	Copper Alloy	Gold Plating
Seals	Silicon Rubber	----

#### 2. Mechanical

- Durability: 500 times
- Vibrations: 10Hz~2000Hz, 196m/s<sup>2</sup>
- Shock: 490m/s<sup>2</sup>
- Insertion and Extraction Forces Max:  
Shell Size 1 ≤120N  
Shell Size 2 ≤267N  
Shell Size 3 ≤467N

#### 3. Electrical

- Dielectric Withstanding Voltage:

Item	Mated	Unmated
Sea Level	1500V	1500V
15000m	500V	500V

- Insulation Resistance: ≥5000MΩ
- Voltage Rating:  
500V Max  
125V at 21000m
- Resistance to Salt Spray: 48h
- Current Rating:

Contact	Cable Type	Current (A)	Voltage Drop Max (mV)
#22	22	5	40
	24	3	30
	26	2	25
#20	20	7.5	55
	22	5	40
	24	3	30
#16	16	13	50
#12	12	23	45

### How To Order

**Sample Part Number** DC600 1 1 -6001 -P 05 01 00 -A

**Series:**

DC600 — ARINC 600 Series

**Sealing Level:**

- 0—O-ring Sealed(Only for Plug)
- 1—Unsealed
- 2—Grommet Sealed (Only for Crimp Contact)

**Shell Size:**

- 1—3 Cavities Narrow Shell
- 2—3 Cavities Standard Shell
- 3—6 Cavities Standard Shell

**Insert Arrangements Code:**

6001—Insert Arrangements (See page 4 to 18)

**Connector Type:**

- P—Plug
- R—Receptacle

**Mounting Style:**

- 05—Standard Mounting for Shell Size 1
- 13—Standard Mounting for Shell Size 2 & 3
- FL—Float Mounting, 6-32 Eyelet (quantity 4)
- FN—Float Mounting, 6-32 Self-locking Threaded Inserts (quantity 4)
- FT—Float Mounting, 4-40 (quantity 4)
- FS—Float Mounting, 4-40 Self-locking Threaded Inserts (quantity 4)
- M3—M3 Self-locking Inserts, Shells Size 2 & 3 (quantity 2)
- N3—M3 Self-locking Inserts in All Holes Shells Size 1, 2 & 3
- LN—6-32 Self-locking Threaded Inserts (See page 23)
- SL—4-40 Self-locking Threaded Inserts (See page 23)
- TL—4-40 Self-locking Threaded Inserts in All Holes
- TN—6-32 Self-locking Threaded Inserts in All Holes

**Polarization Code:**

- 00—For Plug, Polarizing Key Delivered Unmounted  
For Receptacle, Polarizing eyes Delivered Unmounted
- 01~M6—For Plug, Location of Polarizing Key Delivered Mounted  
For Receptacle, Location of Polarizing Eyes Delivered mounted

**Contact Type:**

- 00—Rear Release All Contacts, Crimp Type
- B0—Rear Release All Contacts, PCB Type
- FR—Front Release All Contacts, PCB Type
- SA—Front Release Signal Contacts(0.635 Dia.X 3.81 PC Tail Termination) and Rear Release Other Contacts(Crimp Termination)
- SB—Front Release Signal Contacts(0.635 Dia.X 6.35 PC Tail Termination) and Rear Release Other Contacts(Crimp Termination)
- SC—Front Release Signal Contacts(0.635 Dia.X 9.53 PC Tail Termination) and Rear Release Other Contacts(Crimp Termination)
- SD—Front Release Signal Contacts(0.635 Dia.X 12.7 PC Tail Termination) and Rear Release Other Contacts(Crimp Termination)
- WA—Front Release Signal Contacts(0.635 Sq.X 6.35(1 wrap) Wire Wrap Termination) and Rear Release Other Contacts(Crimp Termination)
- WB—Front Release Signal Contacts(0.635 Sq.X 9.53(2 wraps) Wire Wrap Termination) and Rear Release Other Contacts(Crimp Termination)
- WC—Front Release Signal Contacts(0.635 Sq.X 12.7(3 wraps) Wire Wrap Termination) and Rear Release Other Contacts(Crimp Termination)
- WD—Front Release Signal Contacts(0.635 Sq.X 16.28 (4 wraps) Wire Wrap Termination) and Rear Release Other Contacts(Crimp Termination)

Contact Type	Plug	Receptacle
Signal Contact	Pin	Socket
Power Contact	Socket	Pin
High Frequency Contact	Socket	Pin

**Shell Material and Finish:**

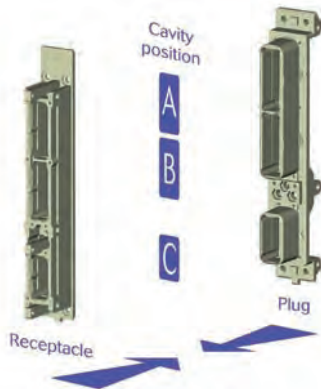
- No Code—Aluminum Shell, Nickel Plating
- A—Aluminum Shell, Anodizing
- C—Aluminum Shell, Rainbow Cadmium Plating
- D—Aluminum Shell, Army Green Cadmium Plating

Remark: All dimensions are in mm.

### Shell Size And Cavity Overview

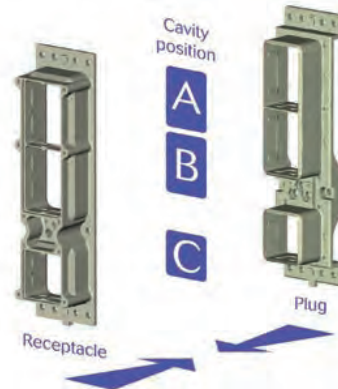
#### Shell Size 1

- Cavities "A" & "B" for Signal Inserts
- Cavity "C" for Power Inserts



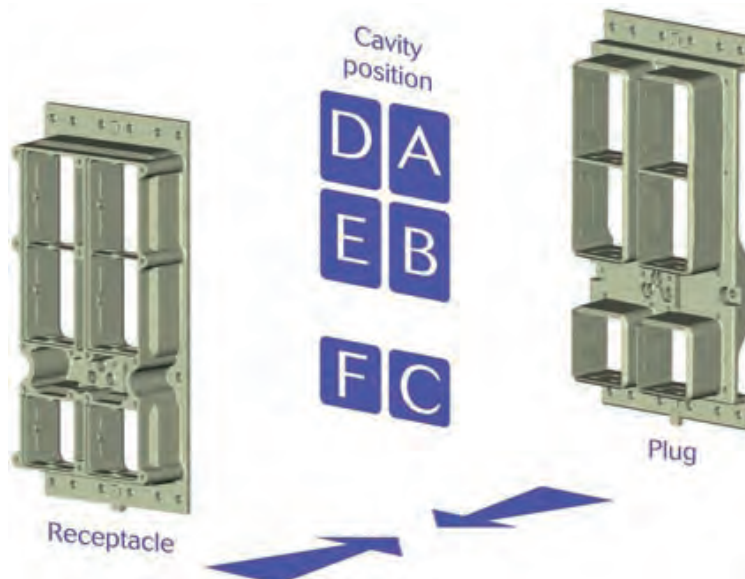
#### Shell Size 2

- Cavities "A" & "B" for Signal Inserts
- Cavity "C" for Power Inserts



#### Shell Size 3

- Cavities "A", "B", "D" & "E" for Signal Inserts
- Cavity "C" & "F" for Power Inserts



### Insert Arrangements For Shell Size 1

Insert Arrangements Code	Shell Size	Cavity A Insert Position	Cavity B Insert Position	Cavity C Insert Position
-6001	1	EMPTY	EMPTY	5C2
-6002	1	30Q2	DUMMY	DUMMY
-6003	1	30T2	DUMMY	5C2
-6004	1	4Q4	4Q4	40
-6005	1	EMPTY	60	EMPTY
-6006	1	60	EMPTY	EMPTY
-6007	1	60	DUMMY	DUMMY
-6008	1	EMPTY	60	5C2
-6009	1	DUMMY	60	5C2
-6010	1	60	DUMMY	5C2
-6011	1	DUMMY	60	5C2
-6012	1	60	DUMMY	5Q2
-6013	1	30T2	30T2	5C2
-6014	1	DUMMY	30T2	40
-6015	1	EMPTY	28Q2	40
-6016	1	60	28Q2	DUMMY
-6017	1	30T2	60	4
-6018	1	60	30T2	5C2
-6019	1	60	28Q2	5C2
-6020	1	30T2	60	5C2
-6021	1	60	28Q2	5Q2
-6022	1	30T2	30T2	40
-6023	1	60	DUMMY	40
-6024	1	60	30T2	22
-6025	1	60	60	EMPTY
-6026	1	60	60	DUMMY
-6027	1	60	60	4
-6028	1	60	60	5C2
-6029	1	60	30T2	40
-6030	1	60	60	40

### Insert Arrangements For Shell Size 2

Insert Arrangements Code	Shell Size	Cavity A Insert Position	Cavity B Insert Position	Cavity C Insert Position
-6031	2	11Q11	EMPTY	EMPTY
-6032	2	EMPTY	EMPTY	13C2
-6033	2	2C2	2C2	13C2
-6034	2	DUMMY	DUMMY	20F12
-6035	2	DUMMY	DUMMY	20F12
-6036	2	DUMMY	11Q11	11Q2
-6037	2	DUMMY	11Q11	13C2
-6038	2	10C10	10C10	6C6
-6039	2	11Q11	11Q11	6Q6
-6040	2	DUMMY	4C4	20Q4
-6041	2	DUMMY	18T8	12F5C2
-6042	2	10T10	10T10	13C2
-6043	2	11Q11	11Q11	13C2
-6044	2	10T10	10T10	11Q2
-6045	2	11Q11	11Q11	11Q2
-6046	2	11Q11	10T10	11Q2
-6047	2	DUMMY	11Q11	20Q4
-6048	2	118Q2	11Q11	13C2
-6049	2	DUMMY	28T8	12F5C2
-6050	2	11Q11	BLANK	34
-6051	2	20F12Q8	BLANK	34
-6052	2	28T8	28T8	DUMMY
-6053	2	EMPTY	EMPTY	59
-6054	2	60	DUMMY	DUMMY
-6055	2	11Q11	11Q11	41Q2
-6056	2	DUMMY	60	6T6
-6057	2	121	10Q10	6Q6
-6058	2	121	11Q11	6Q6
-6059	2	28T8	28T8	13C2
-6060	2	DUMMY	10Q6C4	59
-6061	2	10T10	DUMMY	59
-6062	2	11Q11	DUMMY	59
-6063	2	4C4	4C4	62T2
-6064	2	EMPTY	71C1	1
-6065	2	71C1	EMPTY	EMPTY

### Insert Arrangements For Shell Size 2

Insert Arrangements Code	Shell Size	Cavity A Insert Position	Cavity B Insert Position	Cavity C Insert Position
-6066	2	DUMMY	60	13C2
-6067	2	4C4	11Q11	59
-6068	2	60	2C2	13C2
-6069	2	10T10	60	6Q6
-6070	2	10T10	10T10	59
-6071	2	11T11	11T11	59
-6072	2	11Q11	11Q11	59
-6073	2	24	24	34
-6074	2	DUMMY	71C1	13C2
-6075	2	11Q11	11Q11	62T2
-6076	2	WAVE	71C1	13C2
-6077	2	W1	71C1	13C2
-6078	2	71C1	WAVE	13C2
-6079	2	C2	71C1	13C2
-6080	2	11Q11	11Q11	62Q2
-6081	2	2C2	71C1	13C2
-6082	2	71C1	4C4	11Q2
-6083	2	11Q11	11Q11	68Q2
-6084	2	4C4	4C4	85
-6085	2	60	DUMMY	34
-6086	2	10T10	71C1	13C2
-6087	2	36F36	DUMMY	59
-6088	2	DUMMY	36F36	59
-6089	2	68Q4	11Q11	13C2
-6090	2	DUMMY	11Q11	85
-6091	2	11QF11	Blank	85
-6092	2	4C4	35	59
-6093	2	50	36F36	13C2
-6094	2	DUMMY	EMPTY	100
-6095	2	10T10	10T10	85
-6096	2	71C1	BLANK	59
-6097	2	11Q11	60	34
-6098	2	11Q11	11Q11	85
-6099	2	DUMMY	11Q11	100
-6100	2	68Q4	11Q11	32C2

### Insert Arrangements For Shell Size 2

Insert Arrangements Code	Shell Size	Cavity A Insert Position	Cavity B Insert Position	Cavity C Insert Position
-6101	2	24	24	64T2
-6102	2	24	24	62Q2
-6103	2	4C4	11Q11	100
-6104	2	150	2C2	13C2
-6105	2	20F12Q8	11Q11	85
-6106	2	11Q11	20F12Q8	85
-6107	2	24	60	34
-6108	2	60	DUMMY	59
-6109	2	DUMMY	120T2	DUMMY
-6110	2	DUMMY	121	DUMMY
-6111	2	11Q11	11Q11	100
-6112	2	4C4	60	59
-6113	2	60	4C4	59
-6114	2	28	28	68Q2
-6115	2	DUMMY	24	100
-6116	2	24	68Q4	34
-6117	2	DUMMY	121	6Q6
-6118	2	4C4	24	100
-6119	2	10T10	118Q2	DUMMY
-6120	2	20F12T8	11Q11	100
-6121	2	121	4C4	6Q6
-6122	2	11Q11	118Q2	DUMMY
-6123	2	121	10T10	DUMMY
-6124	2	DUMMY	118Q2	13C2
-6125	2	120T2	DUMMY	13C2
-6126	2	DUMMY	120T2	13C2
-6127	2	35	35	68Q2
-6128	2	118Q2	2C2	13C2
-6129	2	4C4	120T2	13C2
-6130	2	120T2	4C4	13C2
-6131	2	4C4	120T2	13C2
-6132	2	4C4	120C2	13C2
-6133	2	121	10Q10	6Q6
-6134	2	121	10T10	6T6
-6135	2	11Q11	6Q6	121

### Insert Arrangements For Shell Size 2

Insert Arrangements Code	Shell Size	Cavity A Insert Position	Cavity B Insert Position	Cavity C Insert Position
-6136	2	120T2	11Q11	13C2
-6137	2	11Q11	121	6Q6
-6138	2	121	11Q11	6Q6
-6139	2	121A	4C4	11Q2
-6140	2	110	24	6Q6
-6141	2	20F12Q8	121	DUMMY
-6142	2	120T2	10T10	13C2
-6143	2	71C1	71C1	EMPTY
-6144	2	24	60	59
-6145	2	120T2	10T10	13C2
-6146	2	11Q11	118Q2	12F5C2
-6147	2	118Q2	10T10	13C2
-6148	2	118Q2	10T10	11Q2
-6149	2	11Q11	120T2	11Q2
-6150	2	11Q11	120Q2	11Q2
-6151	2	DUMMY	118Q2	25
-6152	2	24	24	100
-6153	2	71C1	18T8	59
-6154	2	24	28T8	100
-6155	2	20F12T8	120T2	13C2
-6156	2	60	60	34
-6157	2	71C1	71C1	13C2
-6158	2	11Q11	120Q2	25
-6159	2	150	DUMMY	6Q6
-6160	2	28T8	28T8	100
-6161	2	150	DUMMY	6T6
-6162	2	150	DUMMY	6Q6
-6163	2	2C2	71C1A	85
-6164	2	110	24	24T4
-6165	2	150	EMPTY	11Q2
-6166	2	28T8	120T2	100
-6167	2	150	DUMMY	13C2
-6168	2	DUMMY	150	13C2
-6169	2	150	EMPTY	13C2
-6170	2	36F36	121	6Q6



### Insert Arrangements For Shell Size 2

Insert Arrangements Code	Shell Size	Cavity A Insert Position	Cavity B Insert Position	Cavity C Insert Position
-6171	2	EMPTY	150	13C2
-6172	2	150	WAVE	13C2
-6173	2	WAVE	150	13C2
-6174	2	150	2C2	13C2
-6175	2	11Q11	118Q2	34
-6176	2	150	2C2	13Q2
-6177	2	150	71	11C2
-6178	2	2C2	150	13C2
-6179	2	150	2C2	13C2
-6180	2	150	4C4	13C2
-6181	2	4C4	150	13C2
-6182	2	150	11Q11	6T6
-6183	2	4C4	150	11Q2
-6184	2	11Q11	150	6Q6
-6185	2	150	11Q11	6Q6
-6186	2	150	18Q8	DUMMY
-6187	2	35	35	100
-6188	2	WAVE	71C1	100
-6189	2	10T10	150	13C2
-6190	2	150	4C4	34
-6191	2	150	10T10	13C2
-6192	2	150	24	DUMMY
-6193	2	150	11Q11	13C2
-6194	2	DUMMY	150	20Q4
-6195	2	150	11Q11	11Q2
-6196	2	11Q11	150	11Q2
-6197	2	11Q11	150	13C2
-6198	2	10Q10	150	11T2
-6199	2	11Q11	150	11T2
-6200	2	DUMMY	150	24T4
-6201	2	150	18T8	6Q6
-6202	2	11C11	150	13C2
-6203	2	150	DUMMY	25
-6204	2	4C4	121	59
-6205	2	121	60	6T6

### Insert Arrangements For Shell Size 2

Insert Arrangements Code	Shell Size	Cavity A Insert Position	Cavity B Insert Position	Cavity C Insert Position
-6206	2	24	60	100
-6207	2	150	DUMMY	34
-6208	2	150	24	20F12
-6209	2	10Q10	150	34
-6210	2	150	10Q10	34
-6211	2	150	11Q11	34
-6212	2	11Q11	150	34
-6213	2	20F12Q8	150	25
-6214	2	150	24	20Q4
-6215	2	150	36F36	13C2
-6216	2	71C1A	118Q2	12F5C2
-6217	2	11Q11	121	68Q2
-6218	2	121	121	6T6
-6219	2	150	18tT8	34
-6220	2	71C1A	118Q2	12F5C2
-6221	2	120T2	DUMMY	85
-6222	2	71C1	121	13C2
-6223	2	150	24	34
-6224	2	4C4	120T2	85
-6225	2	150	35	20Q4
-6226	2	4C4	118Q2	85
-6227	2	EMPTY	150	59
-6228	2	150	DUMMY	59
-6229	2	150	11Q11	46Q2
-6230	2	DUMMY	150	59
-6231	2	150	4C4	59
-6232	2	11Q11	120T2	85
-6233	2	121	60	34
-6234	2	110	49T2	59
-6235	2	150	10T10	59
-6236	2	110	110	DUMMY
-6237	2	150	60	10
-6238	2	60	60	100
-6239	2	11Q11	150	59
-6240	2	150	60	13C2

### Insert Arrangements For Shell Size 2

Insert Arrangements Code	Shell Size	Cavity A Insert Position	Cavity B Insert Position	Cavity C Insert Position
-6241	2	150	11Q11	62F12
-6242	2	20F12Q8	118Q2	85
-6243	2	11Q11	150	62Q2
-6244	2	20F12T8	150	59
-6245	2	11Q11	150	68Q2
-6246	2	10T10	121	100
-6247	2	11Q11	121	100
-6248	2	71C1	150	13C2
-6249	2	71C1A	150	13C2
-6250	2	150	71C1	13C2
-6251	2	150	DUMMY	85
-6252	2	150	28T8	59
-6253	2	18T8	120T2	100
-6254	2	121	121	DUMMY
-6255	2	71C1	71C1	100
-6256	2	121	121	EMPTY
-6257	2	150	60	34
-6258	2	60	150	34
-6259	2	150	36F36	59
-6260	2	150	10T10	85
-6261	2	10T10	150	85
-6262	2	10Q10	150	85
-6263	2	150	11Q11	85
-6264	2	120T2	120T2	6T6
-6265	2	121	121	6T6
-6266	2	EMPTY	150	100
-6267	2	150	DUMMY	100
-6268	2	120C2	120C2	11Q2
-6269	2	120T2	120T2	11Q2
-6270	2	120T2	118Q2	11Q2
-6271	2	120T2	120T2	13C2
-6272	2	150	4C4	100
-6273	2	121	121	11Q2
-6274	2	150	10T10	100
-6275	2	150	11Q11	100

### Insert Arrangements For Shell Size 2

Insert Arrangements Code	Shell Size	Cavity A Insert Position	Cavity B Insert Position	Cavity C Insert Position
-6276	2	121	121	20F12
-6277	2	150	12F4	100
-6278	2	28T8	150	85
-6279	2	118Q2	118Q2	24T4
-6280	2	118Q2	118Q2	20Q4
-6281	2	150	110	6P6
-6282	2	150	18T8	100
-6283	2	20F12T8	150	100
-6284	2	150	36F36	85
-6285	2	121	150	Dummy
-6286	2	150	24	100
-6287	2	120T2	120T2	34
-6288	2	24	150	100
-6289	2	121	121	34
-6290	2	150	104	13C2
-6291	2	150	120T2	24T4
-6292	2	150	121	6Q6
-6293	2	126	150	6Q6
-6294	2	120C2	150	13C2
-6295	2	150	118Q2	11Q2
-6296	2	150	121	12F5Q2
-6297	2	120T2	150	13C2
-6298	2	150	118Q2	13C2
-6299	2	150	120T2	13C2
-6300	2	150	121	13C2
-6301	2	150	121	11Q2
-6302	2	121	150	13C2
-6303	2	150	35	100
-6304	2	150	120T2	20Q4
-6305	2	121	121	46Q2
-6306	2	71C1A	120T2	100
-6307	2	150	110	34
-6308	2	150	121	24T4
-6309	2	150	121	20Q4
-6310	2	150	150	DUMMY

### Insert Arrangements For Shell Size 2

Insert Arrangements Code	Shell Size	Cavity A Insert Position	Cavity B Insert Position	Cavity C Insert Position
-6311	2	150	150	EMPTY
-6312	2	121	121	59
-6313	2	120T2	150	34
-6314	2	150	120T2	34
-6315	2	150	121	34
-6316	2	150	150	6T6
-6317	2	60	150	100
-6318	2	150	60	100
-6319	2	150	150	12F5C2
-6320	2	150	150	13C2
-6321	2	150	150	11Q2
-6322	2	150	150	100
-6323	2	150	71C1	100
-6324	2	150	150	24F4
-6325	2	150	150	20Q4
-6326	2	150	150	20Q4
-6327	2	150	150	24T4
-6328	2	118Q2	118Q2	85
-6329	2	121	121	85
-6330	2	120T2	150	59
-6331	2	150	120T2	59
-6332	2	150	121	59
-6333	2	150	150	34
-6334	2	150	120F2	68F2
-6335	2	150	118Q2	68Q2
-6336	2	120T2	120T2	100
-6337	2	121	121	100
-6338	2	150	150	57
-6339	2	150	150	59
-6340	2	150	150	68Q2
-6341	2	150	120T2	100
-6342	2	121	150	100
-6343	2	150	121	100
-6344	2	150	150	85
-6507	2	120Q2	120Q2	20Q4
-6508	2	126	126	DUMMY
-6509	2	DUMMY	11Q11	62Q2
-6510	2	11Q11	120Q2	12F5C2

### Insert Arrangements For Shell Size 3

Insert Arrangements Code	Shell Size	Cavity A Insert Position	Cavity B Insert Position	Cavity C Insert Position	Cavity D Insert Position	Cavity E Insert Position	Cavity F Insert Position
-6345	3	4C4	4C4	13C2	EMPTY	EMPTY	-
-6346	3	EMPTY	EMPTY	13C2	EMPTY	EMPTY	13C2
-6347	3	4C4	4C4	DUMMY	4C4	4C4	34
-6348	3	11Q11	11Q11	6Q6	11Q11	11Q11	6Q6
-6349	3	11Q11	11Q11	11Q2	11Q11	11Q11	11Q2
-6350	3	11W11	11W11	13C2	11W11	11W11	13C2
-6351	3	11W11	11W11	DUMMY	11W11	11W11	59
-6352	3	EMPTY	EMPTY	100	EMPTY	EMPTY	13C2
-6353	3	EMPTY	EMPTY	13C2	EMPTY	EMPTY	100
-6354	3	EMPTY	EMPTY	EMPTY	EMPTY	EMPTY	EMPTY
-6355	3	121	DUMMY	EMPTY	DUMMY	DUMMY	EMPTY
-6356	3	4C4	120T2	13C2	EMPTY	EMPTY	EMPTY
-6357	3	DUMMY	10T10	25	11Q11	10T10	100
-6358	3	11W11	11W11	59	11W11	11W11	59
-6359	3	150	4C4	6Q6	BLANK	4C4	BLANK
-6360	3	150	4C4	6Q6	4C4	4C4	BLANK
-6361	3	11Q11	11Q11	100	11Q11	11Q11	20Q4
-6362	3	150	BLANK	6Q6	10Q10	BLANK	6Q6
-6363	3	EMPTY	150	13C2	EMPTY	150	13C2
-6364	3	10T10	10T10	6T6	10T10	118Q2	34
-6365	3	24	24	100	BLANK	10T10	34
-6366	3	11Q11	11Q11	DUMMY	11Q11	150	20Q4
-6367	3	11Q11	11Q11	11Q2	11Q11	150	11Q2
-6368	3	11Q11	11Q11	85	11Q11	11Q11	85
-6369	3	28T8	28T8	13C2	28T8	DUMMY	DUMMY
-6370	3	11Q11	DUMMY	100	11Q11	DUMMY	100
-6371	3	11Q11	150	62Q2			
-6372	3	121	10T10	100	EMPTY	EMPTY	EMPTY
-6373	3	8C8	120T2	85	13C5	10T10	6T6
-6374	3	11Q11	11Q11	68Q2	60	60	34
-6375	3	4C4	120T2	DUMMY	4C4	120T2	11Q2
-6376	3	4C4	120T2	DUMMY	4C4	120T2	13C2
-6377	3	4C4	120T2	BLANK	4C4	120T2	11Q2
-6378	3	118Q2	120	EMPTY	EMPTY	EMPTY	EMPTY
-6379	3	10C10	10C10	6C6	121	121	BLANK

### Insert Arrangements For Shell Size 3

Insert Arrangements Code	Shell Size	Cavity A Insert Position	Cavity B Insert Position	Cavity C Insert Position	Cavity D Insert Position	Cavity E Insert Position	Cavity F Insert Position
-6380	3	2C2	2C2	13C2	2C2	150	100
-6381	3	4C4	120T2	11Q2	4C4	120T2	11Q2
-6382	3	4C4	4C4	13C2	EMPTY	150	100
-6383	3	4C4	4C4	13C2	DUMMY	150	100
-6384	3	2C2	2C2	13C2	4C4	150	100
-6385	3	4C4	4C4	13C2	121	150	100
-6386	3	4C4	120T2	11Q2	4C4	120T2	13C2
-6387	3	4C4	120T2	11Q2	4C4	120T2	11Q2
-6388	3	4C4	120T2	13C2	4C4	120T2	13C2
-6389	3	4C4	120T2	11Q2	4C4	120T2	11Q2
-6390	3	150	11Q11	6C6	150	11Q11	DUMMY
-6391	3	36F36	36F36	11Q2	36F36	150	11Q2
-6392	3	71C1	71C1	EMPTY	71C1	71C1	EMPTY
-6393	3	150	11Q11	54	11Q11	11Q11	85
-6394	3	11T11	11T11	11Q2	11T11	150	100
-6395	3	24	24	100	24	24	100
-6396	3	110	11Q11	6Q6	24	150	6Q6
-6397	3	60	60	34	60	60	34
-6398	3	71C1	71C1	13C2	71C1	71C1	13C2
-6399	3	150	DUMMY	13C2	150	DUMMY	DUMMY
-6400	3	126	150	11Q2	11Q11	11Q11	11Q2
-6401	3	2C2	2C2	13C2	150	150	13C2
-6402	3	150	150	13C2	2C2	2C2	13C2
-6403	3	150	10T10	11Q2	150	10T10	DUMMY
-6404	3	150	150	34	10T10	10T10	6T6
-6405	3	150	150	34	11Q11	10T10	6Q6
-6406	3	11Q11	11Q11	6C6	150	150	34
-6407	3	11Q11	11Q11	6Q6	150	150	59
-6408	3	24	24	34	150	121	34
-6409	3	36F36	36F36	11Q2	150	150	11Q2
-6410	3	150	10T10	11Q2	150	11Q11	68Q2
-6411	3	150	11T11	11Q2	150	11Q11	68Q2
-6412	3	60	10T10	6T6	150	150	34
-6413	3	4C4	4C4	13C2	150	150	100
-6414	3	150	28T8	11Q2	150	11Q11	68Q2

### Insert Arrangements For Shell Size 3

Insert Arrangements Code	Shell Size	Cavity A Insert Position	Cavity B Insert Position	Cavity C Insert Position	Cavity D Insert Position	Cavity E Insert Position	Cavity F Insert Position
-6415	3	150	11Q11	6C6	150	11Q11	100
-6416	3	60	60	100	60	60	100
-6417	3	150	121	13C2	150	10T10	DUMMY
-6418	3	150	150	6W6	121	10T10	13C2
-6419	3	150	150	EMPTY	121	EMPTY	13C2
-6420	3	150	150	DUMMY	121	DUMMY	13C2
-6421	3	126	150	11Q2	150	11Q11	6Q6
-6422	3	121	DUMMY	59	121	DUMMY	59
-6423	3	150	71C1	13C2	150	71C1	13C2
-6424	3	150	EMPTY	85	150	EMPTY	85
-6425	3	150	150	13C2	EMPTY	150	13C2
-6426	3	10T10	121	100	121	121	13C2
-6427	3	11Q11	150	13C2	150	150	13C2
-6428	3	150	36F	59	150	36F	59
-6429	3	121	120T2	6T6	121	120T2	6T6
-6430	3	121	121	6T6	121	121	6T6
-6431	3	60	24	59	150	150	59
-6432	3	36F36	150	11Q2	150	150	11Q2
-6433	3	121	121	13C2	121	121	13C2
-6434	3	DUMMY	150	100	10T10	150	100
-6435	3	150	18T8	100	150	18T8	100
-6436	3	4C4	120T2	100	150	150	13C2
-6437	3	150	150	13C2	4C4	120T2	100
-6438	3	121	24	100	121	71C1	100
-6439	3	121	121	EMPTY	121	121	59
-6440	3	11Q11	150	85	150	150	DUMMY
-6441	3	11Q11	150	85	150	150	EMPTY
-6442	3	121	121	34	121	121	34
-6443	3	121	150	6P6	121	150	6P6
-6444	3	121	150	6T6	150	121	6T6
-6445	3	150	28	100	150	28	100
-6446	3	10T10	120T2	100	150	120T2	59
-6447	3	150	150	11Q2	150	150	6T6
-6448	3	150	150	100	150	DUMMY	68Q2
-6449	3	150	150	25	150	10T10	100



### Insert Arrangements For Shell Size 3

Insert Arrangements Code	Shell Size	Cavity A Insert Position	Cavity B Insert Position	Cavity C Insert Position	Cavity D Insert Position	Cavity E Insert Position	Cavity F Insert Position
-6450	3	121	110	100	121	110	34
-6451	3	150	150	EMPTY	150	150	EMPTY
-6452	3	121	121	59	121	121	59
-6453	3	150	24	100	150	150	34
-6454	3	150	150	34	150	24	100
-6455	3	120T2	150	34	120T2	150	34
-6456	3	150	150	6Q6	150	150	6Q6
-6457	3	150	150	DUMMY	150	150	13C2
-6458	3	150	150	6Q6	150	150	13C2
-6459	3	11Q11	150	59	150	150	100
-6460	3	150	60	100	150	60	100
-6461	3	150	150	13C2	150	150	13C2
-6462	3	150	150	13C2	150	150	13C2
-6463	3	150	150	11Q2	150	150	11Q2
-6464	3	150	150	100	150	150	100
-6465	3	10T10	150	100	121	150	100
-6466	3	150	150	100	150	24	59
-6467	3	150	150	18T4Q2	150	150	18T4Q2
-6468	3	150	118Q2	34	150	150	34
-6469	3	121	24	100	150	150	100
-6470	3	150	150	100	11QF11	150	85
-6471	3	11Q11	150	85	150	150	62Q2
-6472	3	150	150	24	150	150	24
-6473	3	150	150	12F5C2	118Q2	118Q2	100
-6474	3	150	150	13C2	120T2	120T2	100
-6475	3	150	150	59	150	150	5QT2
-6476	3	150	150	59	150	150	6T6
-6477	3	150	150	6T6	150	150	59
-6478	3	150	150	34	150	150	34
-6479	3	121	150	62Q2	121	150	62Q2
-6480	3	11Q11	150	85	150	150	85
-6481	3	150	150	6Q6	150	150	68Q2
-6482	3	150	150	16	150	150	59
-6483	3	150	150	100	150	28T8	100
-6484	3	120T2	120T2	100	120T2	120T2	100

### Insert Arrangements For Shell Size 3











Insert Arrangements Code	Shell Size	Cavity A Insert Position	Cavity B Insert Position	Cavity C Insert Position	Cavity D Insert Position	Cavity E Insert Position	Cavity F Insert Position
-6485	3	150	150	59	150	150	34
-6486	3	150	120T2	100	150	120T2	59
-6487	3	150	150	DUMMY	150	150	100
-6488	3	150	118Q2	85	150	118Q2	85
-6489	3	150	120T2	85	150	120T2	85
-6490	3	150	150	12F5C2	150	150	100
-6491	3	150	150	100	150	150	13C2
-6492	3	150	150	13C2	150	150	100
-6493	3	150	150	100	150	150	11Q2
-6494	3	150	150	59	150	150	59
-6495	3	150	150	100	150	150	34
-6496	3	150	120T2	100	150	120T2	100
-6497	3	150	150	68Q2	150	150	68Q2
-6498	3	121	150	100	121	150	100
-6499	3	121	150	100	150	121	100
-6500	3	150	150	100	150	121	85
-6501	3	150	150	59	150	150	100
-6502	3	150	150	85	150	150	85
-6503	3	150	150	85	150	150	85
-6504	3	150	150	100	150	150	68Q2
-6505	3	150	150	84	150	150	100
-6506	3	150	150	100	150	150	85

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## ARINC 600 Series

### Insert Layout For Shell Size 1

#### Cavity A & B

 <p>60 60#22</p>	 <p>4Q5 4#5Q</p>	 <p>4C5 4#5C</p>	 <p>8 8#12</p>	 <p>20 20#16</p>
 <p>30C2 28#22 2#8C</p>	 <p>30T2 28#22 2#8T</p>	 <p>32 8#16 24#20</p>	 <p>42 42#20</p>	 <p>Dummy</p>































#### Cavity C

 <p>5C2 2#16 1#12 2#5C</p>	 <p>3Q3 3#8Q</p>	 <p>4 4#12</p>	 <p>6 6#12</p>	 <p>12F12 12#16F</p>
 <p>17 3#12 14#20</p>	 <p>22 6#16 16#20</p>	 <p>30 30#20</p>	 <p>40 40#22</p>	 <p>Dummy</p>

Remark: "C" Specifies Coax, "T" Specifies Twinax or Triax, "F" Specifies Fiber, "Q" Specifies Quadrx

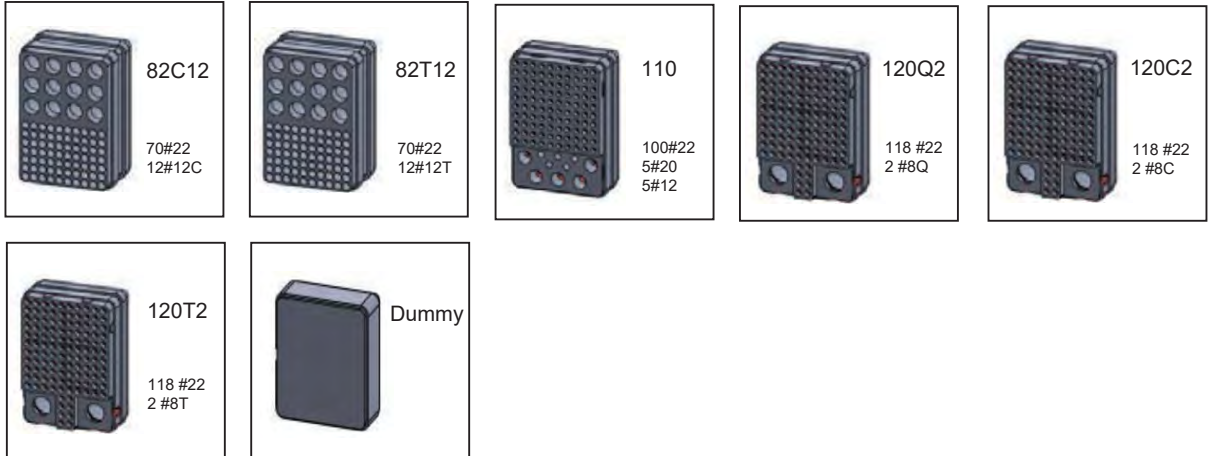
### Insert Layout For Shell Size 2 & 3

#### Cavity A,B,D,E

 150 150#22	 126 120#22 6#16	 121 110#22 6#20 5#16	 71C1 70#22 1#1C	 71C1A 70#22 1#1C
 60 60#22	 24 24#12	 18C6Q 12#16C 6#8Q	 4C4 4#1C	 2C2 2#1C
 10C10 10#8C	 10T10 10#8T	 10Q10 10#8Q	 11C11 11#8C	 11T11 11#8T
 11Q11 11#8Q	 18T8 10#16 8#8T	 20F12C8 12#16F 8#8C	 20F12T8 12#16F 8#8T	 20F12Q8 12#16F 8#8Q
 28C8 10#22 10#16 8#8C	 28T8 10#22 10#16 8#8T	 35 35#16	 36F36 36#16F	 47C2 47#20 2#8C
 47T2 47#20 2#8T	 47Q2 47#20 2#8Q	 68C4 62#22 6#16 4#8C	 68T4 62#22 6#16 4#8T	 68Q4 62#22 6#16 4#8Q

Remark: "C" Specifies Coax, "T" Specifies Twinax or Triax, "F" Specifies Fiber, "Q" Specifies Quadrx

### Insert Layout For Shell Size 2 & 3



### Cavity C&F



Remark: "C" Specifies Coax, "T" Specifies Twinax or Triax, "F" Specifies Fiber, "Q" Specifies Quadrx

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## ARINC 600 Series

### Insert Layout For Shell Size 2 & 3

 <p><b>13C2</b></p> <p>4#20 3#16 4#12 2#5C</p>	 <p><b>11C4</b></p> <p>11#16 4#8C</p>	 <p><b>11T4</b></p> <p>11#16 4#8T</p>	 <p><b>11Q4</b></p> <p>11#16 4#8Q</p>	 <p><b>16</b></p> <p>16#12</p>
 <p><b>18C4Q2</b></p> <p>10#22 2#12 4#12C 2#8Q</p>	 <p><b>18T4Q2</b></p> <p>10#22 2#12 4#12T 2#8Q</p>	 <p><b>20F12</b></p> <p>4#20 4#12 12#16F</p>	 <p><b>24C4</b></p> <p>20#20 4#8C</p>	 <p><b>24T4</b></p> <p>20#20 4#8T</p>
 <p><b>24Q4</b></p> <p>20#20 4#8Q</p>	 <p><b>24F24</b></p> <p>14#16F</p>	 <p><b>24</b></p> <p>12#20 12#12</p>	 <p><b>25</b></p> <p>25#16</p>	 <p><b>28</b></p> <p>14#22 14#12</p>
 <p><b>59</b></p> <p>50#22 5#16 4#12</p>	 <p><b>68Q2</b></p> <p>68 #22 2 #8Q</p>	 <p><b>68C2</b></p> <p>68 #22 2 #8C</p>	 <p><b>68T2</b></p> <p>68 #22 2 #8T</p>	 <p><b>84</b></p> <p>80#22 4#20</p>
 <p><b>Dummy</b></p>				

Remark: "C" Specifies Coax, "T" Specifies Twinax or Triax, "F" Specifies Fiber, "Q" Specifies Quadrax



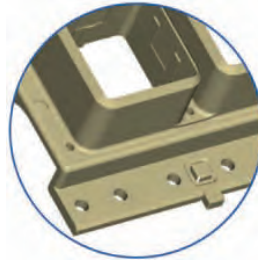
### Mounting Style

#### Standard Mounting

- 05: Standard Mounting for Shell Size 1
- 13: Standard Mounting for Shell Size 2 & 3



Size 1



Size 2 & 3



#### Float Mounting

- FL: Float Mounting, 6-32 Eyelet (quantity 4)
- FN: Float Mounting, 6-32 Self-locking Threaded Inserts (quantity 4)
- FT: Float Mounting, 4-40 (quantity 4)
- FS: Float Mounting, 4-40 Self-locking Threaded Inserts (quantity 4)

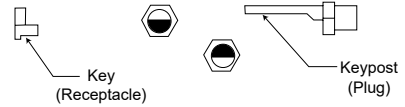
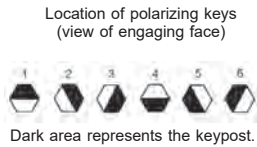
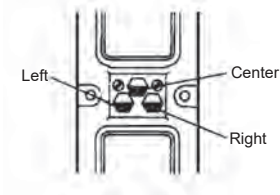
#### Self-locking Inserts

- M3: M3 Self-locking Inserts, Shells Size 2 & 3 (quantity 2)
- N3: M3 Self-locking Inserts in All Holes Shells Size 1, 2 & 3
- LN: 6-32 Self-locking Threaded Inserts (See Table)
- SL: 4-40 Self-locking Threaded Inserts (See Table)
- TL: 4-40 Self-locking Threaded Inserts in All Holes
- TN: 6-32 Self-locking Threaded Inserts in All Holes



Connector Type and Shell Size	Receptacle			Plug		
	1	2	3	1	2	3
Numbers of Self-locking Threaded Inserts	4	6	10	4	4	8

### Polarization Code



Code Number	Receptacle Shell			Plug Shell		
	Left Key	Center Key	Right Key	Left Post	Center Post	Right Post
00	-	-	-	-	-	-
01	4	4	4	1	1	1
02	4	4	3	2	1	1
03	4	4	2	3	1	1
04	4	4	1	4	1	1
05	4	4	6	5	1	1
06	4	4	5	6	1	1
07	5	4	4	1	1	6
08	5	4	3	2	1	6
09	5	4	2	3	1	6
10	5	4	1	4	1	6
11	5	4	6	5	1	6
12	5	4	5	6	1	6
13	6	4	4	1	1	5
14	6	4	3	2	1	5
15	6	4	2	3	1	5
16	6	4	1	4	1	5
17	6	4	6	5	1	5
18	6	4	5	6	1	5
19	1	4	4	1	1	4
20	1	4	3	2	1	4
21	1	4	2	3	1	4
22	1	4	1	4	1	4
23	1	4	6	5	1	4
24	1	4	5	6	1	4
25	2	4	4	1	1	3



### Polarization Code

Code Number	Receptacle Shell			Plug Shell		
	Left Key	Center Key	Right Key	Left Post	Center Post	Right Post
26	2	4	3	2	1	3
27	2	4	2	3	1	3
28	2	4	1	4	1	3
29	2	4	6	5	1	3
30	2	4	5	6	1	3
31	3	4	4	1	1	2
32	3	4	3	2	1	2
33	3	4	2	3	1	2
34	3	4	1	4	1	2
35	3	4	6	5	1	2
36	3	4	5	6	1	2
37	4	3	4	1	2	1
38	4	3	3	2	2	1
39	4	3	2	3	2	1
40	4	3	1	4	2	1
41	4	3	6	5	2	1
42	4	3	5	6	2	1
43	5	3	4	1	2	6
44	5	3	3	2	2	6
45	5	3	2	3	2	6
46	5	3	1	4	2	6
47	5	3	6	5	2	6
48	5	3	5	6	2	6
49	6	3	4	1	2	5
50	6	3	3	2	2	5
51	6	3	2	3	2	5
52	6	3	1	4	2	5
53	6	3	6	5	2	5
54	6	3	5	6	2	5
55	1	3	4	1	2	4

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## ARINC 600 Series

### Polarization Code

Code Number	Receptacle Shell			Plug Shell		
	Left Key	Center Key	Right Key	Left Post	Center Post	Right Post
56	1	3	3	2	2	4
57	1	3	2	3	2	4
58	1	3	1	4	2	4
59	1	3	6	5	2	4
60	1	3	5	6	2	4
61	2	3	4	1	2	3
62	2	3	3	2	2	3
63	2	3	2	3	2	3
64	2	3	1	4	2	3
65	2	3	6	5	2	3
66	2	3	5	6	2	3
67	3	3	4	1	2	2
68	3	3	3	2	2	2
69	3	3	2	3	2	2
70	3	3	1	4	2	2
71	3	3	6	5	2	2
72	3	3	5	6	2	2
73	4	2	4	1	3	1
74	4	2	3	2	3	1
75	4	2	2	3	3	1
76	4	2	1	4	3	1
77	4	2	6	5	3	1
78	4	2	5	6	3	1
79	5	2	4	1	3	6
80	5	2	3	2	3	6
81	5	2	2	3	3	6
82	5	2	1	4	3	6
83	5	2	6	5	3	6
84	5	2	5	6	3	6
85	6	2	4	1	3	5

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## ARINC 600 Series

### Polarization Code

Code Number	Receptacle Shell			Plug Shell		
	Left Key	Center Key	Right Key	Left Post	Center Post	Right Post
86	6	2	3	2	3	5
87	6	2	2	3	3	5
88	6	2	1	4	3	5
89	6	2	6	5	3	5
90	6	2	5	6	3	5
91	1	2	4	1	3	4
92	1	2	3	2	3	4
93	1	2	2	3	3	4
94	1	2	1	4	3	4
95	1	2	6	5	3	4
96	1	2	5	6	3	4
97	2	2	4	1	3	3
98	2	2	3	2	3	3
99	2	2	2	3	3	3
A0	2	2	1	4	3	3
A1	2	2	6	5	3	3
A2	2	2	5	6	3	3
A3	3	2	4	1	3	2
A4	3	2	3	2	3	2
A5	3	2	2	3	3	2
A6	3	2	1	4	3	2
A7	3	2	6	5	3	2
A8	3	2	5	6	3	2
A9	4	1	4	1	4	1
B0	4	1	3	2	4	1
B1	4	1	2	3	4	1
B2	4	1	1	4	4	1
B3	4	1	6	5	4	1
B4	4	1	5	6	4	1
B5	5	1	4	1	4	6

### Polarization Code

Code Number	Receptacle Shell			Plug Shell		
	Left Key	Center Key	Right Key	Left Post	Center Post	Right Post
B6	5	1	3	2	4	6
B7	5	1	2	3	4	6
B8	5	1	1	4	4	6
B9	5	1	6	5	4	6
C0	5	1	5	6	4	6
C1	6	1	4	1	4	5
C2	6	1	3	2	4	5
C3	6	1	2	3	4	5
C4	6	1	1	4	4	5
C5	6	1	6	5	4	5
C6	6	1	5	6	4	5
C7	1	1	4	1	4	4
C8	1	1	3	2	4	4
C9	1	1	2	3	4	4
D0	1	1	1	4	4	4
D1	1	1	6	5	4	4
D2	1	1	5	6	4	4
D3	2	1	4	1	4	3
D4	2	1	3	2	4	3
D5	2	1	2	3	4	3
D6	2	1	1	4	4	3
D7	2	1	6	5	4	3
D8	2	1	5	6	4	3
D9	3	1	4	1	4	2
E0	3	1	3	2	4	2
E1	3	1	2	3	4	2
E2	3	1	1	4	4	2
E3	3	1	6	5	4	2
E4	3	1	5	6	4	2
E5	4	6	4	1	5	1

### Polarization Code

Code Number	Receptacle Shell			Plug Shell		
	Left Key	Center Key	Right Key	Left Post	Center Post	Right Post
E6	4	6	3	2	5	1
E7	4	6	2	3	5	1
E8	4	6	1	4	5	1
E9	4	6	6	5	5	1
F0	4	6	5	6	5	1
F1	5	6	4	1	5	6
F2	5	6	3	2	5	6
F3	5	6	2	3	5	6
F4	5	6	1	4	5	6
F5	5	6	6	5	5	6
F6	5	6	5	6	5	6
F7	6	6	4	1	5	5
F8	6	6	3	2	5	5
F9	6	6	2	3	5	5
G0	6	6	1	4	5	5
G1	6	6	6	5	5	5
G2	6	6	5	6	5	5
G3	1	6	4	1	5	4
G4	1	6	3	2	5	4
G5	1	6	2	3	5	4
G6	1	6	1	4	5	4
G7	1	6	6	5	5	4
G8	1	6	5	6	5	4
G9	2	6	4	1	5	3
H0	2	6	3	2	5	3
H1	2	6	2	3	5	3
H2	2	6	1	4	5	3
H3	2	6	6	5	5	3
H4	2	6	5	6	5	3
H5	3	6	4	1	5	2

### Polarization Code

Code Number	Receptacle Shell			Plug Shell		
	Left Key	Center Key	Right Key	Left Post	Center Post	Right Post
H6	3	6	3	2	5	2
H7	3	6	2	3	5	2
H8	3	6	1	4	5	2
H9	3	6	6	5	5	2
J0	3	6	5	6	5	2
J1	4	5	4	1	6	1
J2	4	5	3	2	6	1
J3	4	5	2	3	6	1
J4	4	5	1	4	6	1
J5	4	5	6	5	6	1
J6	4	5	5	6	6	1
J7	5	5	4	1	6	6
J8	5	5	3	2	6	6
J9	5	5	2	3	6	6
K0	5	5	1	4	6	6
K1	5	5	6	5	6	6
K2	5	5	5	6	6	6
K3	6	5	4	1	6	5
K4	6	5	3	2	6	5
K5	6	5	2	3	6	5
K6	6	5	1	4	6	5
K7	6	5	6	5	6	5
K8	6	5	5	6	6	5
K9	1	5	4	1	6	4
L0	1	5	3	2	6	4
L1	1	5	2	3	6	4
L2	1	5	1	4	6	4
L3	1	5	6	5	6	4
L4	1	5	5	6	6	4
L5	2	5	4	1	6	3

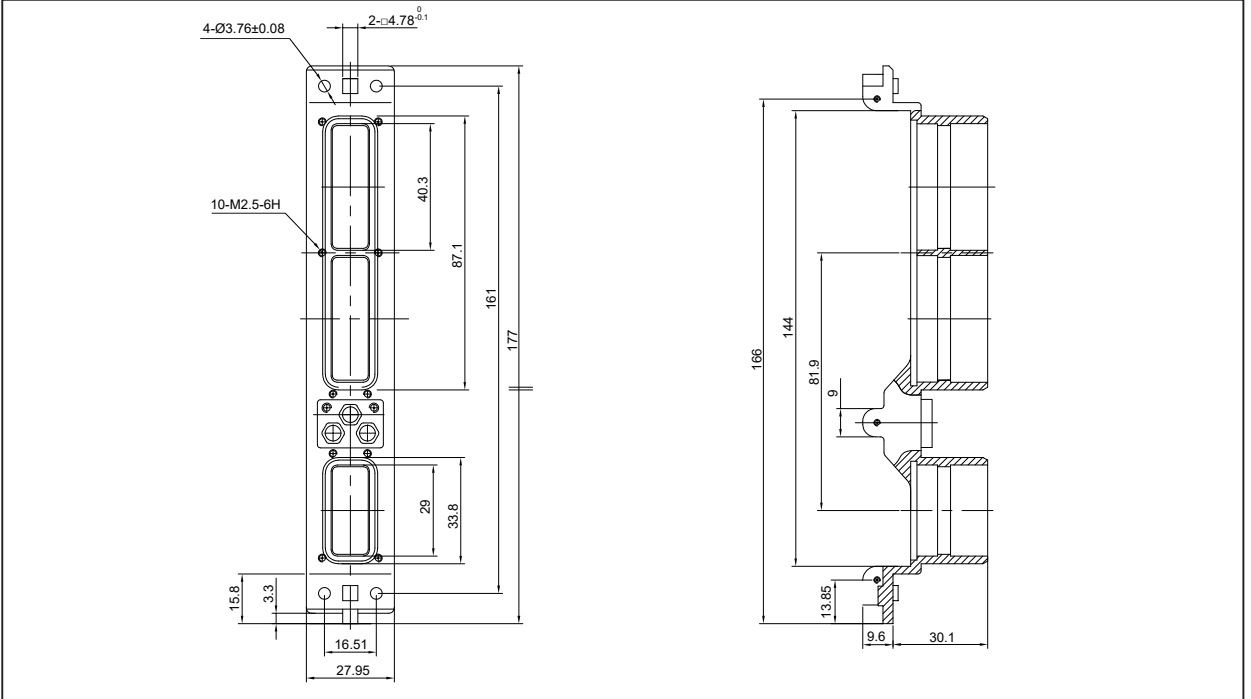
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ARINC 600 Series

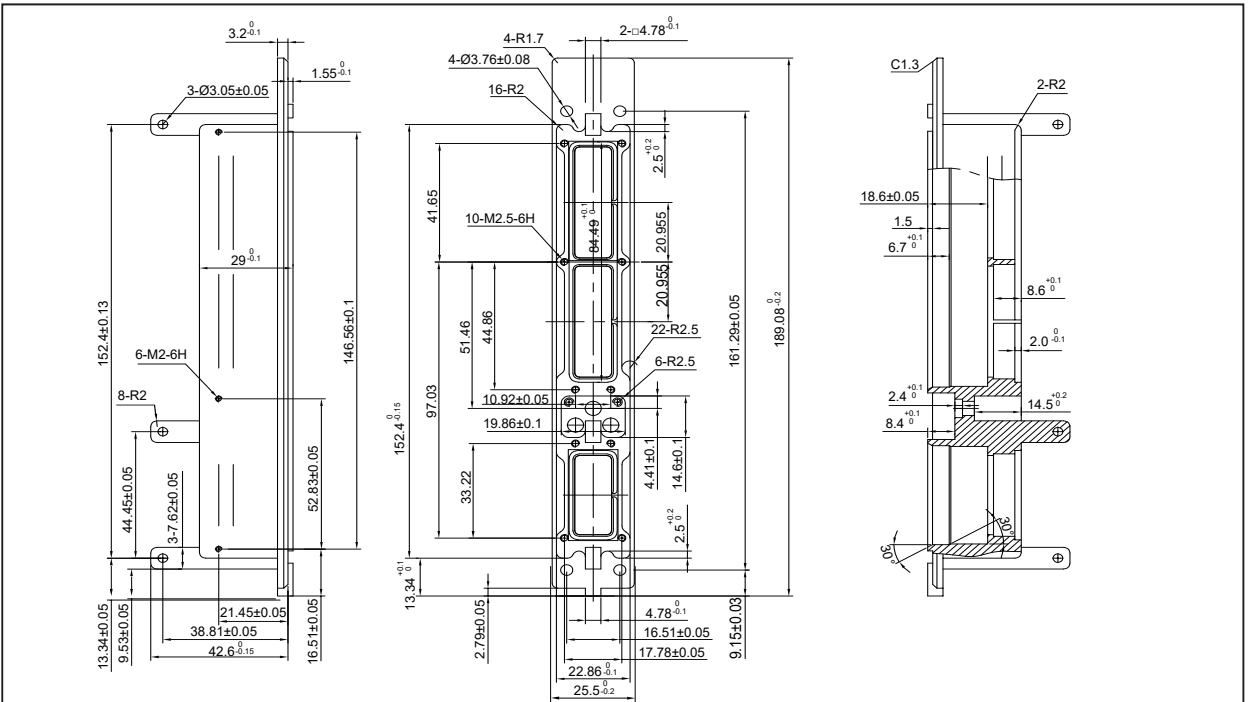
## Polarization Code

Code Number	Receptacle Shell			Plug Shell		
	Left Key	Center Key	Right Key	Left Post	Center Post	Right Post
L6	2	5	3	2	6	3
L7	2	5	2	3	6	3
L8	2	5	1	4	6	3
L9	2	5	6	5	6	3
M0	2	5	5	6	6	3
M1	3	5	4	1	6	2
M2	3	5	3	2	6	2
M3	3	5	2	3	6	2
M4	3	5	1	4	6	2
M5	3	5	6	5	6	2
M6	3	5	5	6	6	2

### Shell Size 1 - Plug



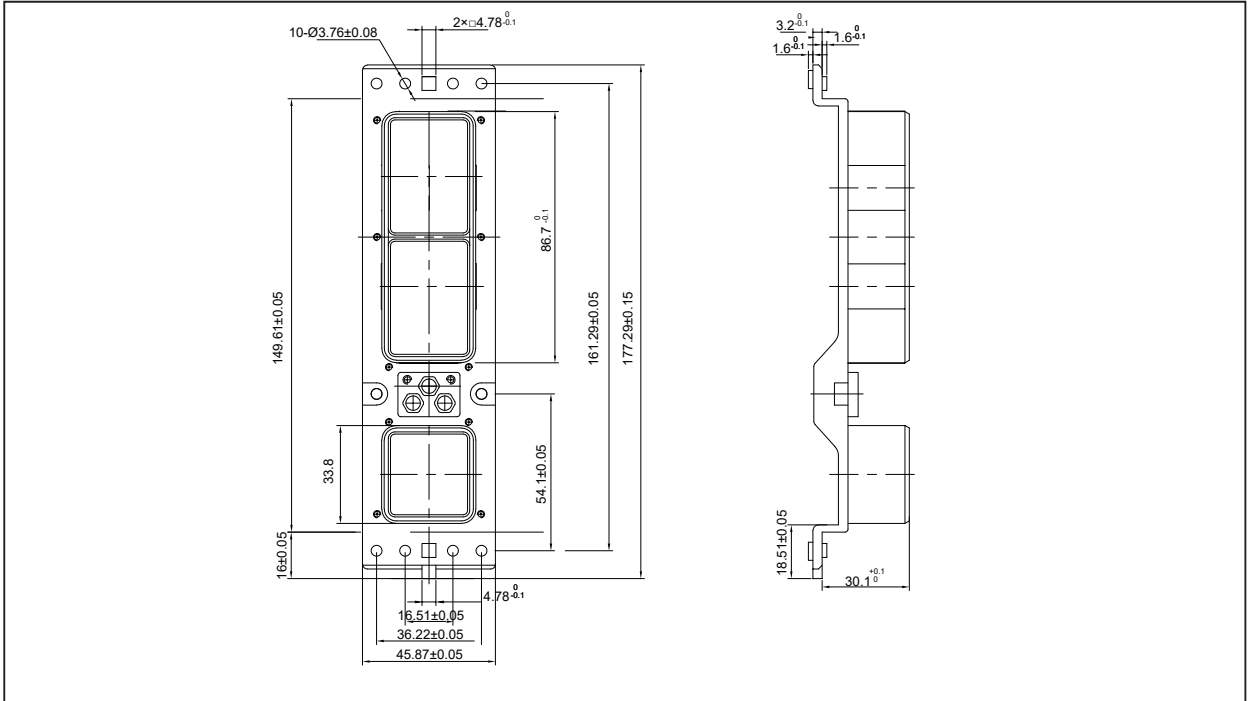
### Shell Size 1 - Receptacle



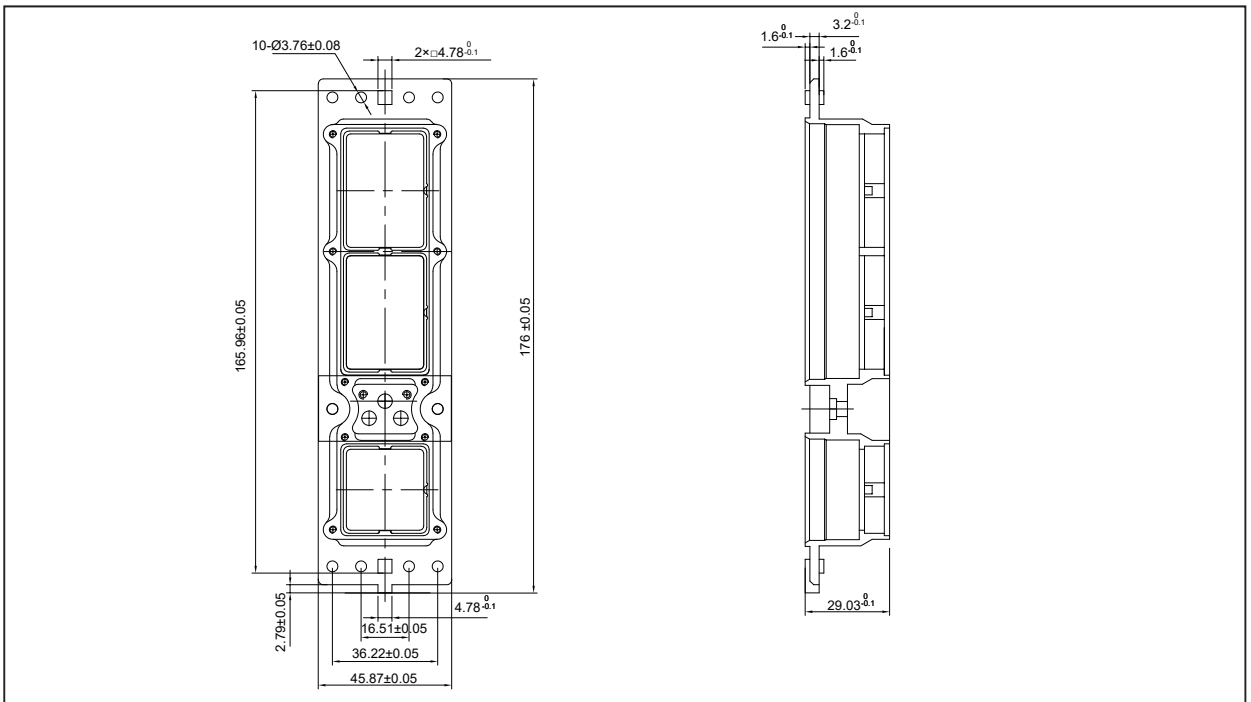
Remark: All dimensions are in mm.



### Shell Size 2 - Plug

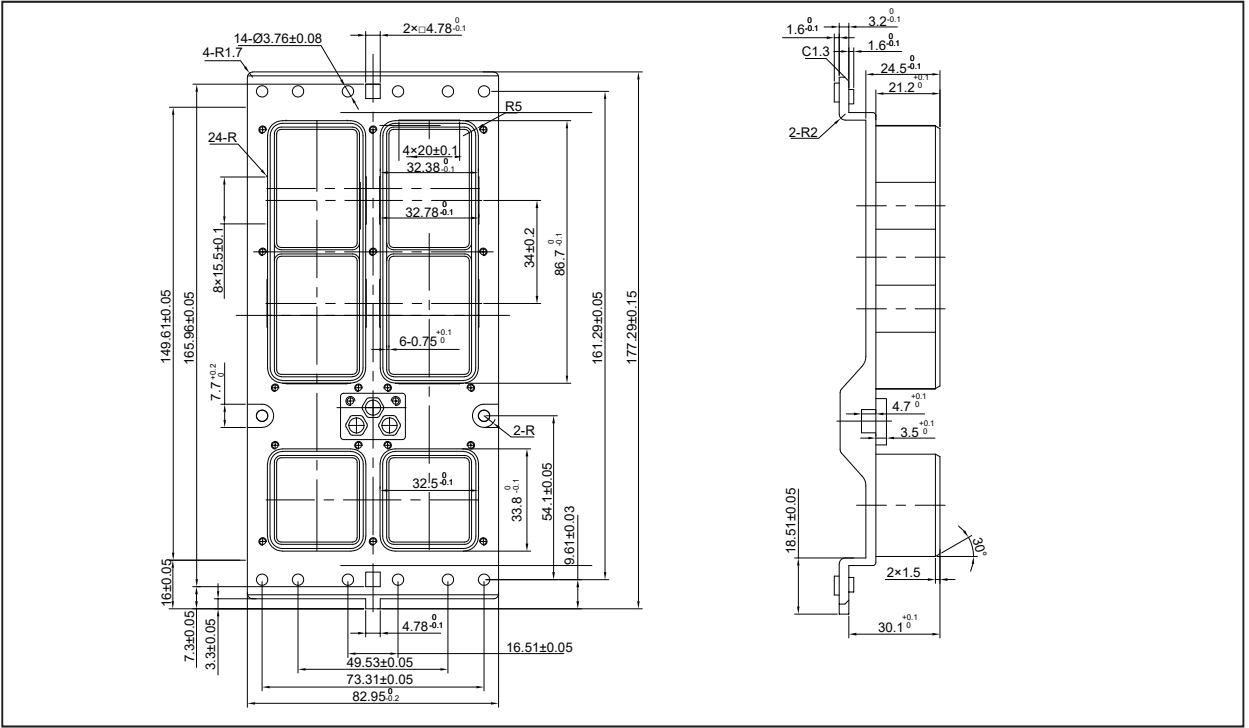


### Shell Size 2 - Receptacle

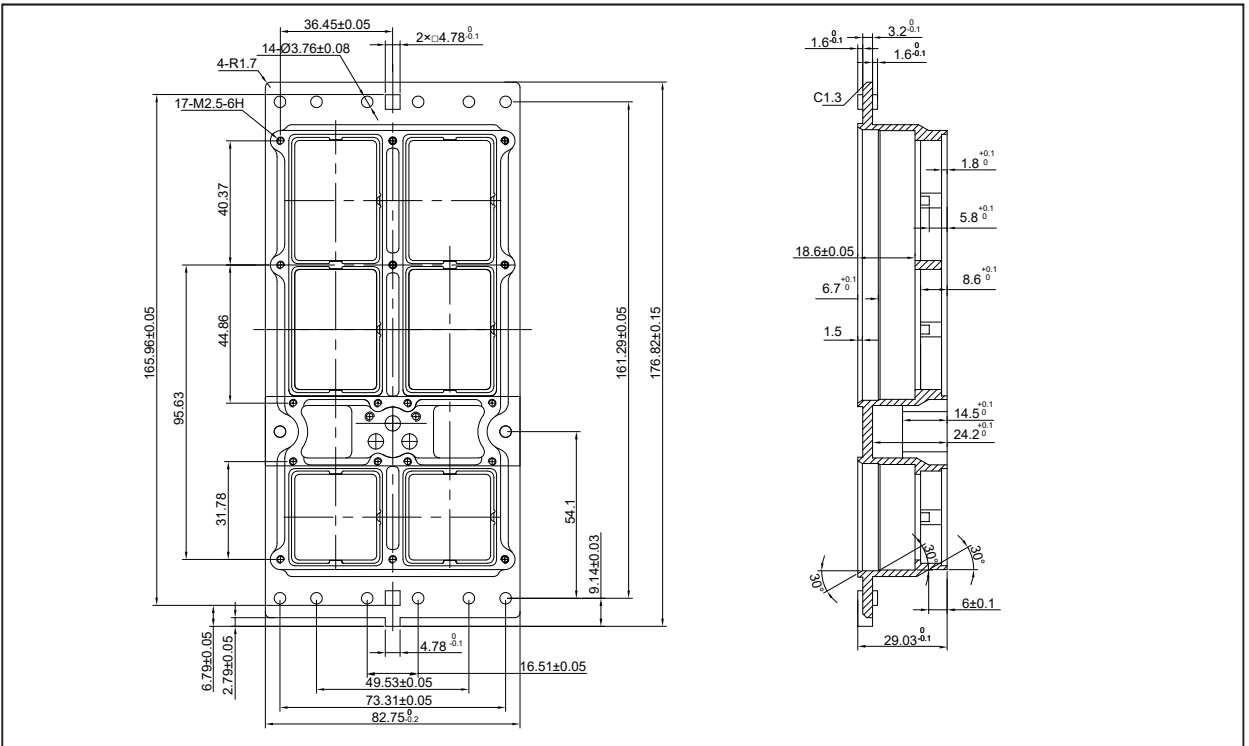


Remark: All dimensions are in mm.

### Shell Size 3 - Plug



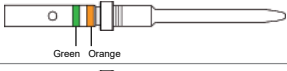
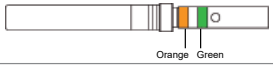
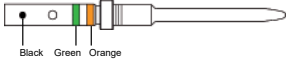
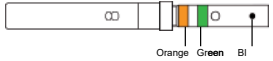


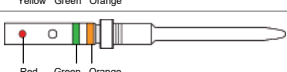
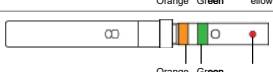
### Shell Size 3 - Receptacle




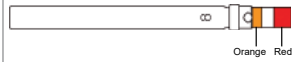


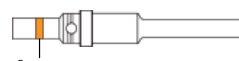



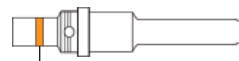

Remark: All dimensions are in mm.

### ARINC 600 Series Contact Type For Crimp Contacts


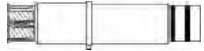
#### Signal Contacts

Contact Size	For Plug: Rear Release			For Receptacle: Rear Release		
	Contact	Part Number	Profile and Color Code	Contact	Part Number	Profile and Color Code
#22 Standard	Pin	DC8660-6412*		Socket	DC8660-206	
#22 Alumel		DC8660-209			DC8660-211 900	
#22 Chromel		DC8660-208			DC8660-210 900	
#22 Constantan		DC8660-2029			DC8660-2034	

#### Power Contacts

Contact Size	For Receptacle: Rear Release			For Plug: Rear Release		
	Contact	Part Number	Profile and Color Code	Contact	Part Number	Profile and Color Code
#20 Power	Pin	DC8660-230		Socket	DC8660-248	
#16 Power		DC8660-233			DC8660-249	
#16 Power Small Barrel		DC8660-1048			DC8660-2575	
#12 Power		DC8660-236			DC8660-250	
#12 Power Small Barrel		DC8660-1049			DC8660-257 900	

#### High Frequency Contacts: Twinax Contacts

Contact Size	For Receptacle			For Plug			Cable
	Contact	Part Number	Profile	Contact	Part Number	Profile	
#8 Twinax	Pin	DCETH2-1104A		Socket	DCETH2-1105A		ABS0386WF24
		DCETH2-1106A			DCETH2-1107A		ASNE0272TK22
		DCETH2-1102A			DCETH2-1103A		ASNE0272TK24
		DCETH2-1100A			DCETH2-1101A		ASNE0807WX26

#### High Frequency Contacts: Triax Contacts

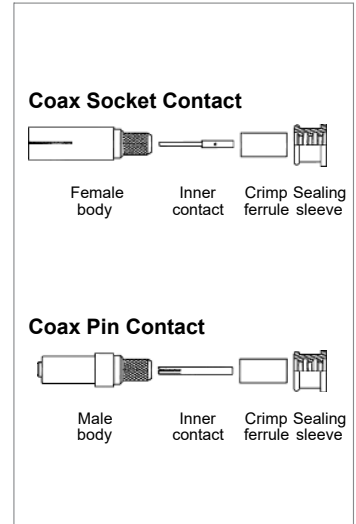
Contact Size	Sealing Level	Boot Included	For Plug: Socket Contact	For Receptacle: Pin Contact	Cable
#8 Triax	Sealed	Yes	DC8667-D03-08R-52A/01	DC8667-D02-08R-52A/01	EN3375-004 MIL-C-17176
	Unsealed	No	DC8667-D03-08R-02A/01	DC8667-D02-08R-02A/01	

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## ARINC 600 Series

### High Frequency Contacts: Coax Contacts

Contact Size	Sealing Level	For Plug: Socket Contact	For Receptacle: Pin Contact	Cable
#8 Coax	Unsealed	DC8660-6211	DC8660-6251	RG 400 / U
#5 Coax <small>(Sealing Sleeve Supplied for Sealed Connectors)</small>	Sealed	DC8660-2485	DC8660-2480	RG 58 C / U RG 142 B / U
	Unsealed	DC8660-2285 900	DC8660-2280	RG 141 A / U NSA 935359 WB
	Sealed	DC8660-2486	DC8660-2481	RG 174 A / U RG 188 A / U
	Unsealed	DC8660-2286	DC8660-2281	RG 223 / U RG 400 BU KX 23
	Sealed	DC8660-2487	DC8660-2482	RG 178 B / U RG 196 A / U RG 316 / U KX 21 A KX 22 A
	Unsealed	DC8660-2287	DC8660-2282	RG 180 B / U RG 195 A / U
	Sealed	DC8660-2488	DC8660-2483	
	Unsealed	DC8660-2288	DC8660-2283	
	Sealed	DC8660-2489	DC8660-2484	
	Unsealed	DC8660-2289	DC8660-2284	
	Sealed	DC8660-2298E	-	
	Unsealed	DC8660-2498E	DC8660-2494	5021 K 1011



Contact Size	Sealing Level	For Plug: Socket Contact			For Receptacle: Pin Contact			Cable	
		Coax body	Termination Kit	Coax Assembly	Coax Body	Termination Kit	Coax Assembly		
#1 Coax	Sealed	DC8660-2277	DC8660-2587 900	DC8660-2296 900	DC8660-2272 900	DC8660-2581 900	DC8660-2251 900	RG 141 A / U RG 142 B / U KX 23	
	Unsealed	DC8660-2278 900		DC8660-2261 900	DC8660-2274 900		DC8660-2241 900		
	Sealed	-	-	DC8660-2272 900	DC8660-2582 900	DC8660-2252 900	DC8660-2242	UT141	
	Unsealed	-	-	DC8660-2274 900					
	Sealed	DC8660-2277	DC8660-2580 900	DC8660-2295 900	DC8660-2272 900	DC8660-2583 900	DC8660-2250 900	RG 165 / U RG 214 / U RG 225 / U	
	Unsealed	DC8660-2278 900		DC8660-2260 900	DC8660-2274 900		DC8660-2240 900		
	Sealed	DC8660-2277	DC8660-2585 900	DC8660-2299	DC8660-2272 900	DC8660-2588 900	DC8660-2254 900	DC8660-2244	RG 393 / U
	Unsealed	DC8660-2278 900		DC8660-2263 900	DC8660-2274 900				
	Sealed	DC8660-2277	DC8660-2237 900	DC8660-2311	DC8660-2272 900	DC8660-2236 900	DC8660-2313 900	DC8660-2314 900	Fileca1703 / 3 Filotex50MT KT
	Unsealed	DC8660-2278 900		DC8660-2259 900	DC8660-2274 900				
	Unsealed	DC8660-2278 900	DC8660-2341 900	DC8660-2141 900	-	-	-	RG 400 / BU	

### Arinc 600 Series Contact Type For PCB Contacts

#### Signal Contacts: Socket Contacts For Front Release

Contact Size	Gold Plated	Tin Plated	L = Length PC Tail	Ø PC Tail	Profile
#22	DC8660-550	DC8660-C23-22V-01A/06	3.81	0.60min 0.67max	
	DC8660-555	DC8660-C23-22V-02A/06	6.35		
	DC8660-560	DC8660-C23-22V-03A/06	9.52		
	DC8660-565 900	DC8660-C23-22V-04A/06	12.7		

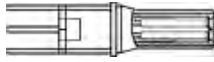
#### Wire Wrap Contacts: Socket Contacts -For Front Release

Contact Size	Plating	Part number	L = Length PC tail		Profile
#22	Gold Plated	DC8660-223	6.35	0.82min 0.90max	
		DC8660-224	9.52		
		DC8660-225	12.7		


#### Power Contacts: Pin Contacts For Front Release

Contact Size	Gold Plated	Tin Plated	L = Length PC Tail	Ø PC Tail	Profile
#20	DC8660-420-200-04AMJ	DC8660-420-200-04A06	3.81	0.81min 0.88max	
	DC8660-420-200-01AMJ	DC8660-420-200-01A06	6.35		
	DC8660-420-200-02AMJ	DC8660-420-200-02A06	9.52 5		
	DC8660-420-200-03AMJ	DC8660-420-200-03A06	12.7		
#16	DC8660-420-160-04AMJ	DC8660-420-160-04A06	3.81	1.27min 1.33max	
	DC8660-420-160-01AMJ	DC8660-420-160-01A06	6.35		
	DC8660-420-160-02AMJ	DC8660-420-160-02A06	9.52		
	DC8660-420-160-03AMJ	DC8660-420-160-03A06	12.7		
#12	DC8660-420-120-04AMJ	DC8660-420-120-04A06	3.81	2.05min 2.11max	
	DC8660-420-120-01AMJ	DC8660-420-120-01A06	6.35		
	DC8660-420-120-02AMJ	DC8660-420-120-02A06	9.52		
	DC8660-420-120-03AMJ	DC8660-420-120-03A06	12.7		
#8	Please consult us				


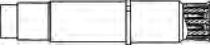

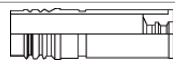
### High Frequency Contacts: Triax Contacts - Pin Contacts For Front Release

Contact Size	Tin Plated	L = Length PC Tail	Profile
#8	DC8660-6046	6.35	

### High Frequency Contacts: Coax Contacts - Pin Contacts For Front Release

Contact Size	Tin Plated	L = Length PC Tail	Profile
#8	DC8660-6271	6.35	

### High Frequency Contacts: Quadrax Contacts

Contact Size	Contact	Part Number	Version	Class	Release	Profile
#8 Quadrax	Pin	DCETH1-1100A	Crimp Version	Unsealed	Rear	
	Socket	DCETH1-1101A				
	Pin	DCETH1-1110A DCETH1-1123A	PC tail, L = 6.35 Tinned PC tail, L = 6.35	Unsealed	Front	
Sealing Boot	-	DC8660-6053	-	Sealed	-	

Remark: All dimensions are in mm