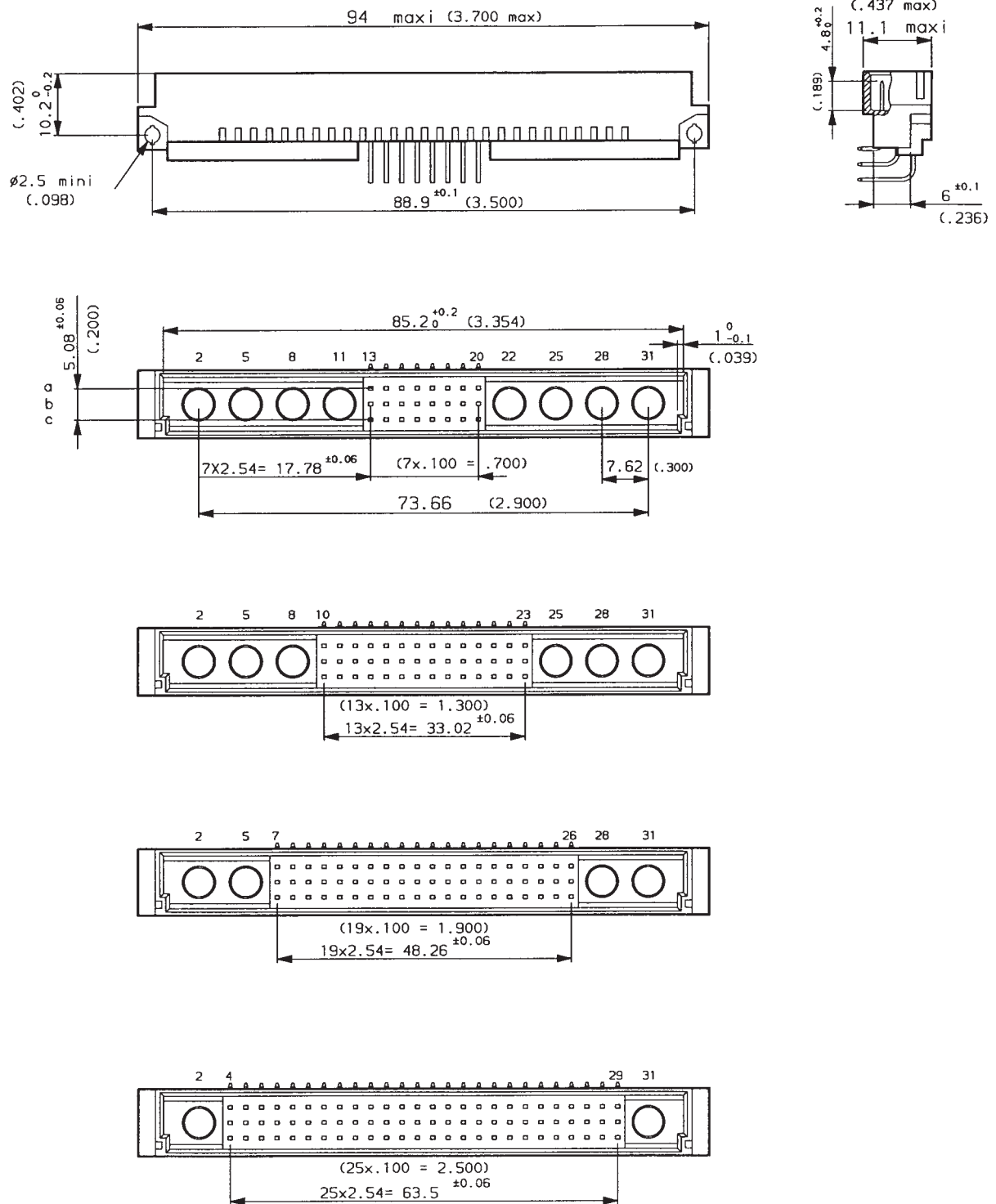




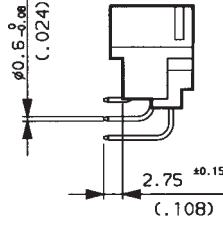








Standard male, 3 row

8609 series, style M





Catalogue numbers - standard items

Housing type	Nbr of signal contacts	Contact arrang.	Contact termination
			 <p>angled spills PCB 1,6 (.063)</p>
24+8	24		8609.324.G1.13.7x5.000.E1
24+8	16		8609.416.G1.13.7x5.000.E1
42+6	42		8609.342.E1.13.7x5.000.E1
42+6	28		8609.428.E1.13.7x5.000.E1
60+4	60		8609.360.C1.13.7x5.000.E1
60+4	40		8609.440.C1.13.7x5.000.E1
78+2	78		8609.378.A1.13.7x5.000.E1
78+2	52		8609.452.A1.13.7x5.000.E1



Performance class / plating:

- DIN 41612 class III: replace x by **4** in part number.
- DIN 41612 class II: replace x by **5** in part number.
- DIN 41612 class I: replace x by **6** in part number.

Contact plating: selective gold over nickel on contact area, tin-lead on termination.





Options:

Special terminations and contact arrangements are available upon request: consult factory.

First make/last break: see page 53

Harpoons: see page 54

Recommended inserts:

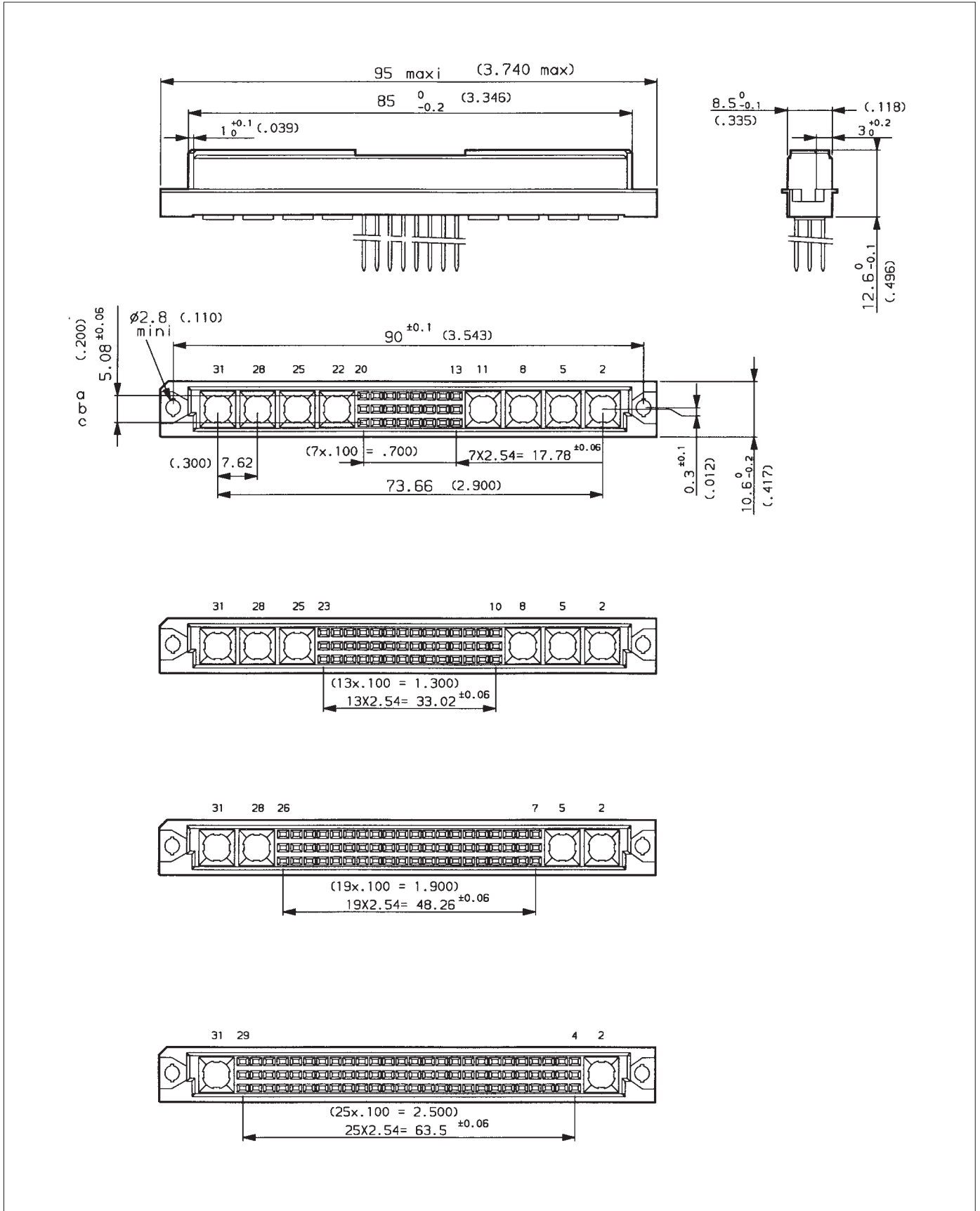
Coaxial	Power	Fibre optic	Active device
			
solder to board	solder to board		
8609.F21.41.C1	8609.M41.21.C1	8012.P...	8012.C...

For detailed information concerning these inserts see pages 48-51



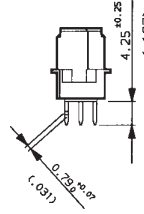
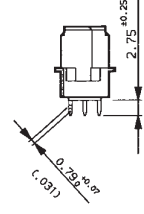
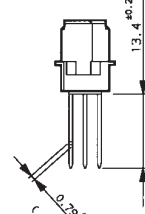
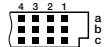
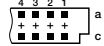

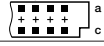




Standard female, 3 row

8609 series, style M





Catalogue numbers - standard items

Housing type	Nbr of signal contacts	Contact arrang.	Contact termination	Contact termination	Contact termination
			 <p>straight spills PCB 2,4/3,2 (.093/.125)</p>	 <p>straight spills PCB 1,6 (.063)</p>	 <p>w.w. 2 wraps</p>
24+8	24		8609.324.H1.14.7x5.000.E2	8609.324.H1.24.7x5.000.E2	8609.324.H1.15.7x5.000.E2
24+8	16		8609.416.H1.14.7x5.000.E2	8609.416.H1.24.7x5.000.E2	8609.416.H1.15.7x5.000.E2
42+6	42		8609.342.F1.14.7x5.000.E2	8609.342.F1.24.7x5.000.E2	8609.342.F1.15.7x5.000.E2
42+6	28		8609.428.F1.14.7x5.000.E2	8609.428.F1.24.7x5.000.E2	8609.428.F1.15.7x5.000.E2
60+4	60		8609.360.D1.14.7x5.000.E2	8609.360.D1.24.7x5.000.E2	8609.360.D1.15.7x5.000.E2
60+4	40		8609.440.D1.14.7x5.000.E2	8609.440.D1.24.7x5.000.E2	8609.440.D1.15.7x5.000.E2
78+2	78		8609.378.B1.14.7x5.000.E2	8609.378.B1.24.7x5.000.E2	8609.378.B1.15.7x5.000.E2
78+2	52		8609.452.B1.14.7x5.000.E2	8609.452.B1.24.7x5.000.E2	8609.452.B1.15.7x5.000.E2

Performance class / plating:

- DIN 41612 class III: replace x by **4** in part number.
- DIN 41612 class II: replace x by **5** in part number.
- DIN 41612 class I: replace x by **6** in part number.






Contact plating: selective gold over nickel on contact area, tin-lead on termination.

Options:

Special terminations and contact arrangements are available upon request: consult factory.

Harpoons: see page 54

Recommended inserts:

Coax	Coax	Power	Power	Fibre optic
				
solder/crimp	solder/crimp	solder to wire	crimp to wire	
8609.M11.32.C1	8609.M21.32.C1	8609.F31.0...	8609.F31.1...	8012.S...

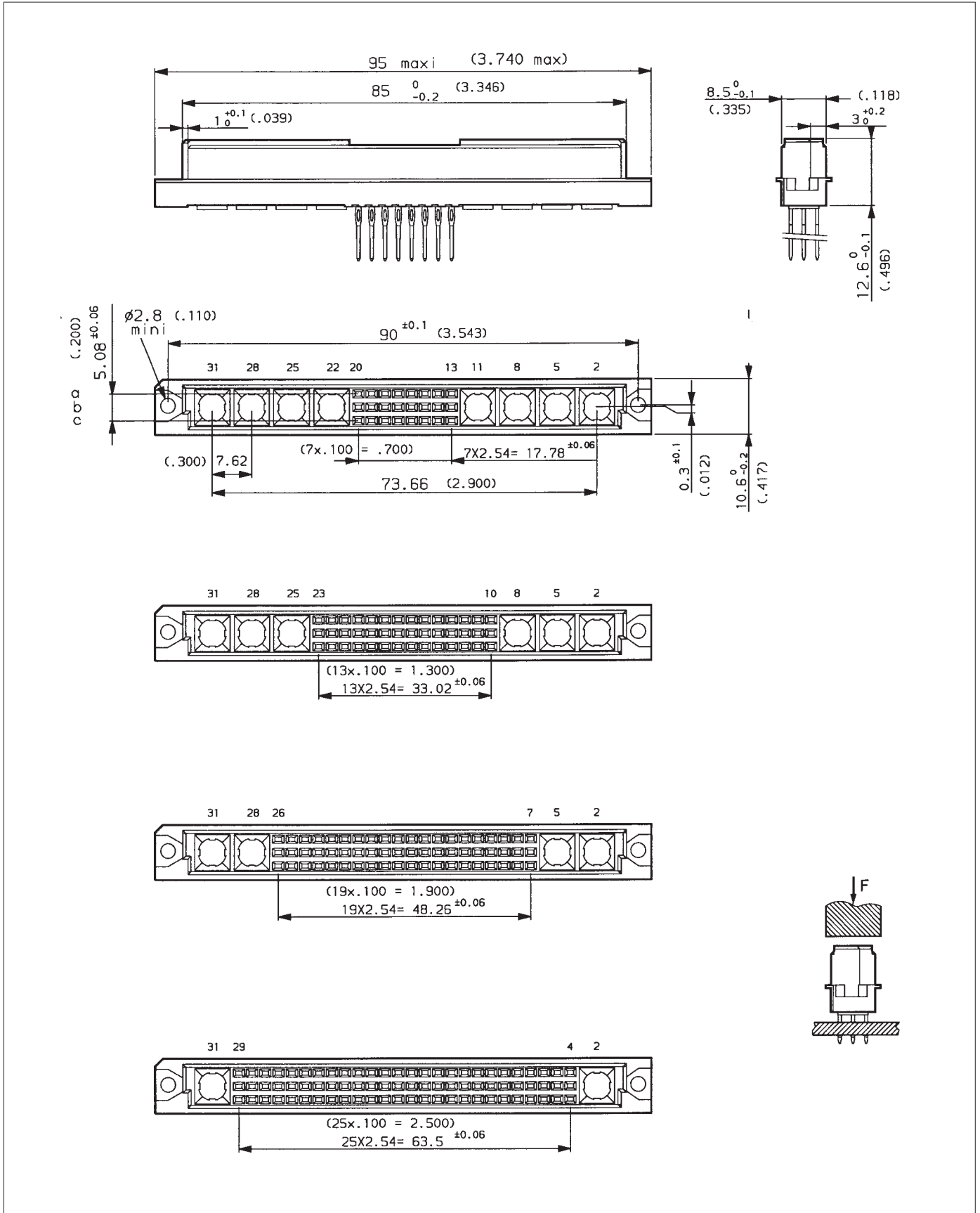
For detailed information concerning these inserts see pages 48-51



New Products

Standard female press fit, 3 row

8609 series, style M





Catalogue numbers - standard items

Housing type	Nbr of signal contacts	Contact arrang.	Contact termination	Contact termination	Contact termination
			<p>shost post</p>	<p>W.W. one wrap</p>	<p>rear plug up</p>
24+8	24		8609.324.H1.94.7x5.000.E3	8609.324.H1.91.7x5.000.E3	8609.324.H1.96.7x5.000.A
24+8	16		8609.416.H1.94.7x5.000.E3	8609.416.H1.91.7x5.000.E3	8609.416.H1.96.7x5.000.A
42+6	42		8609.342.F1.94.7x5.000.E3	8609.342.F1.91.7x5.000.E3	8609.342.F1.96.7x5.000.A
42+6	28		8609.428.F1.94.7x5.000.E3	8609.428.F1.91.7x5.000.E3	8609.428.F1.96.7x5.000.A
60+4	60		8609.360.D1.94.7x5.000.E3	8609.360.D1.91.7x5.000.E3	8609.360.D1.96.7x5.000.A
60+4	40		8609.440.D1.94.7x5.000.E3	8609.440.D1.91.7x5.000.E3	8609.440.D1.96.7x5.000.A
78+2	78		8609.378.B1.94.7x5.000.E3	8609.378.B1.91.7x5.000.E3	8609.378.B1.96.7x5.000.A
78+2	52		8609.452.B1.94.7x5.000.E3	8609.452.B1.91.7x5.000.E3	8609.452.B1.96.7x5.000.A

Performance class / plating:

- DIN 41612 class III: replace x by **4** in part number.
- DIN 41612 class II: replace x by **5** in part number.
- DIN 41612 class I: replace x by **6** in part number.

Contact plating: selective gold over nickel on contact area, tin-lead on termination.

Plated thru hole requirements:

drilled ho1e: 1,15±0,025 (.0453±.0010)

finished hole: 0,94 (.037) min.
1,09 (.043) Max.

Cu plating: 0,025 (.00098) min.
0,050 (.00196) Max.

SnPb: 0,008 (.0003) min.
0,015 (.0006) Max.

Application tooling: see pages 99-101.

Recommended inserts:

Coax	Coax	Power	Power	Fibre optic
solder/crimp	solder/crimp	solder to wire	crimp to wire	
8609.M11.32.C1	8609.M21.32.C1	8609.F31.0...	8609.F31.1...	8012.S...

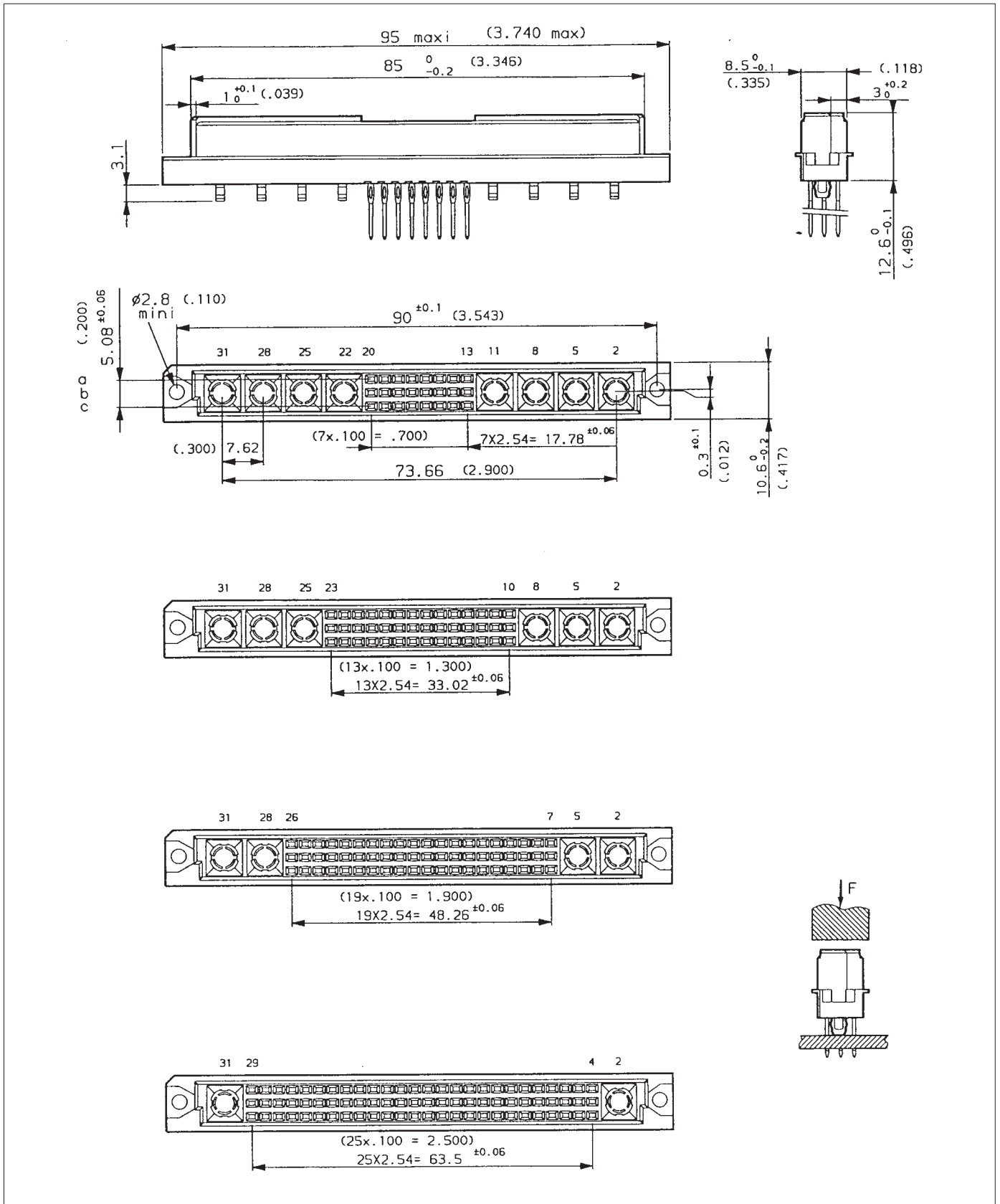
For detailed information concerning these inserts see pages 48-51



New Products

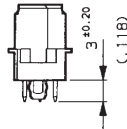
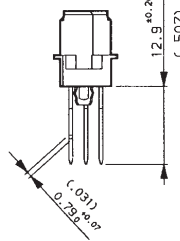
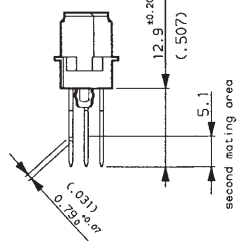
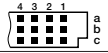
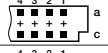
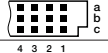

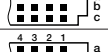
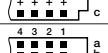


**Standard female press fit, 3 row
preassembled signal + power**

8609 series, style M





Catalogue numbers - standard items

Housing type	Nbr of signal contacts	Contact arrang.	Contact termination	Contact termination	Contact termination
			 <p>shost post</p>	 <p>W.W. one wrap</p>	 <p>rear plug up</p>
24+8	24		8609.324.HP.94.7x5.000.E3	8609.324.HP.91.7x5.000.E3	8609.324.HP.96.7x5.000.A
24+8	16		8609.416.HP.94.7x5.000.E3	8609.416.HP.91.7x5.000.E3	8609.416.HP.96.7x5.000.A
42+6	42		8609.342.FP.94.7x5.000.E3	8609.342.FP.91.7x5.000.E3	8609.342.FP.96.7x5.000.A
42+6	28		8609.428.FP.94.7x5.000.E3	8609.428.FP.91.7x5.000.E3	8609.428.FP.96.7x5.000.A
60+4	60		8609.360.DP.94.7x5.000.E3	8609.360.DP.91.7x5.000.E3	8609.360.DP.96.7x5.000.A
60+4	40		8609.440.DP.94.7x5.000.E3	8609.440.DP.91.7x5.000.E3	8609.440.DP.96.7x5.000.A
78+2	78		8609.378.BP.94.7x5.000.E3	8609.378.BP.91.7x5.000.E3	8609.378.BP.96.7x5.000.A
78+2	52		8609.452.BP.94.7x5.000.E3	8609.452.BP.91.7x5.000.E3	8609.452.BP.96.7x5.000.A

Performance class / plating:

- DIN 41612 class III: replace x by **4** in part number.
- DIN 41612 class II: replace x by **5** in part number.
- DIN 41612 class I: replace x by **6** in part number.

Contact plating: selective gold over nickel on contact area, tin-lead on termination.

Technical characteristics of the power contacts:

Current rating: 40 A at 20°C
 Contact resistance: ≤ 1m Ω under 10 A
 Performance class: DIN41612 class 1,500 operations
 Insertion / withdrawal force: ≤ 10N
 Press in force: ≤ 120N
 Push out force: ≥ 40N

Application tooling: see pages 99-101.

Plated thru hole requirements for signal contacts:

drilled hole: 1,15±0,025 (.0453±.0010)
 finished hole: 0,94 (.037) min.
 1,09 (.043) Max.
 Cu plating: 0,025 (.00098) min.
 0,050 (.00196) Max.
 SnPb: 0,008 (.0003) min.
 0,015 (.0006) Max.

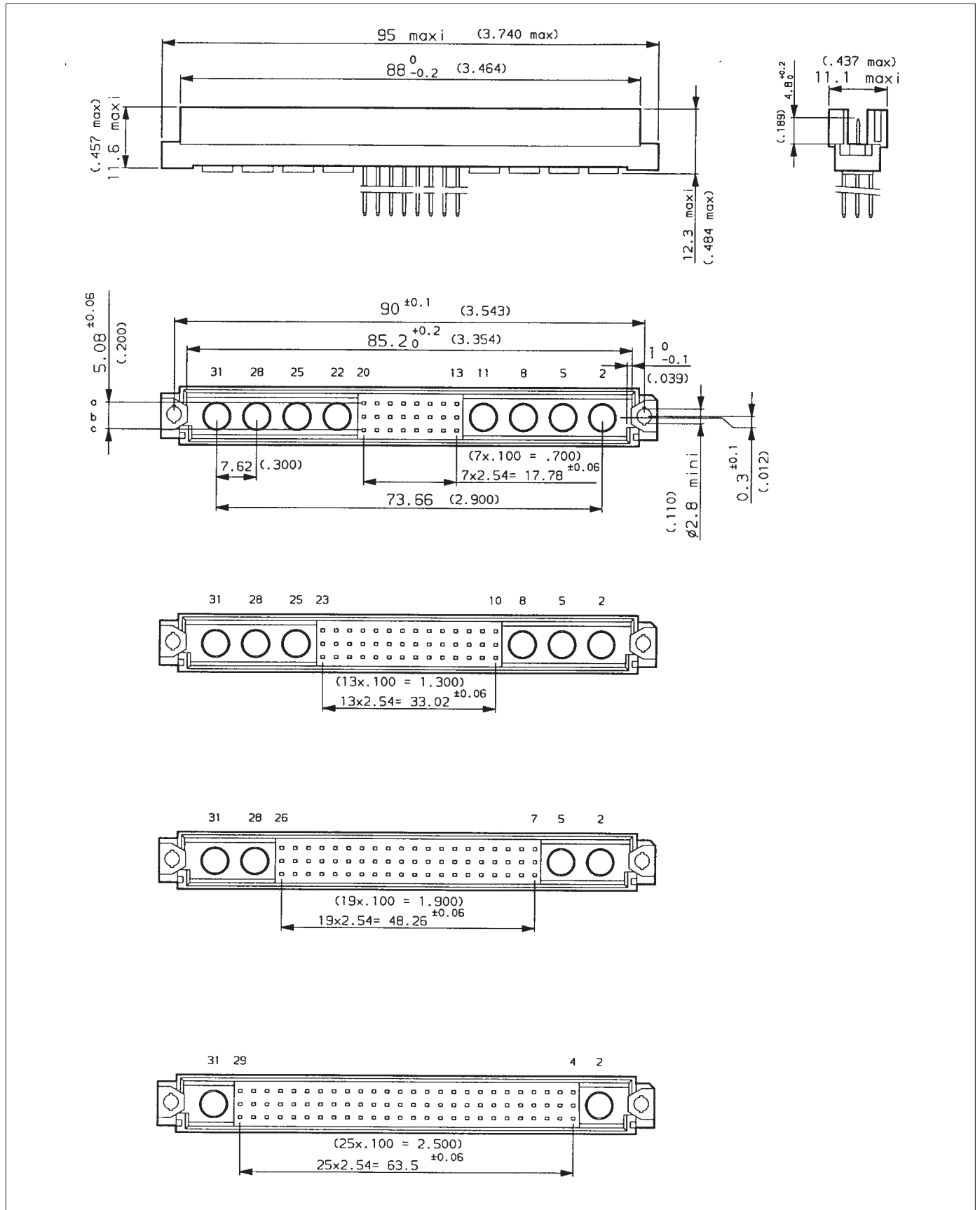
Plated thru hole requirements for power contacts:

drilled hole: 3,20±0,03 (.125±.0010)
 finished hole: 3,02 (.118) min.
 3,20 (.125) Max.
 Cu plating: 0,025 (.00098) min.
 0,050 (.00196) Max.
 SnPb: 0,008 (.0003) min.
 0,015 (.0006) Max.



Reverse male, 3 row

8609 series, style M





Catalogue numbers - standard items

Housing type	Nbr of signal contacts	Contact arrang.	Contact termination	Contact termination	Contact termination
			<p>straight spills PCB 2,4/3,2 (.093/.125)</p>	<p>straight spills PCB 1,6 (.063)</p>	<p>w.w. 2 wraps</p>
24+8	24		8609.324.G8.14.7x5.000.E1	8609.324.G8.24.7x5.000.E1	8609.324.G8.15.7x5.000.E1
24+8	16		8609.416.G8.14.7x5.000.E1	8609.416.G8.24.7x5.000.E1	8609.416.G8.15.7x5.000.E1
42+6	42		8609.342.E8.14.7x5.000.E1	8609.342.E8.24.7x5.000.E1	8609.342.E8.15.7x5.000.E1
42+6	28		8609.428.E8.14.7x5.000.E1	8609.428.E8.24.7x5.000.E1	8609.428.E8.15.7x5.000.E1
60+4	60		8609.360.C8.14.7x5.000.E1	8609.360.C8.24.7x5.000.E1	8609.360.C8.15.7x5.000.E1
60+4	40		8609.440.C8.14.7x5.000.E1	8609.440.C8.24.7x5.000.E1	8609.440.C8.15.7x5.000.E1
78+2	78		8609.378.A8.14.7x5.000.E1	8609.378.A8.24.7x5.000.E1	8609.378.A8.15.7x5.000.E1
78+2	52		8609.452.A8.14.7x5.000.E1	8609.452.A8.24.7x5.000.E1	8609.452.A8.15.7x5.000.E1

Performance class / plating:

- DIN 41612 class III: replace x by **4** in part number.
- DIN 41612 class II: replace x by **5** in part number.
- DIN 41612 class I: replace x by **6** in part number.

Contact plating: selective gold over nickel on contact area, tin-lead on termination.

Options:

Special terminations and contact arrangements are available upon request: consult factory.

First make/last break: see page 53

Harpoons: see page 54

Recommended inserts:

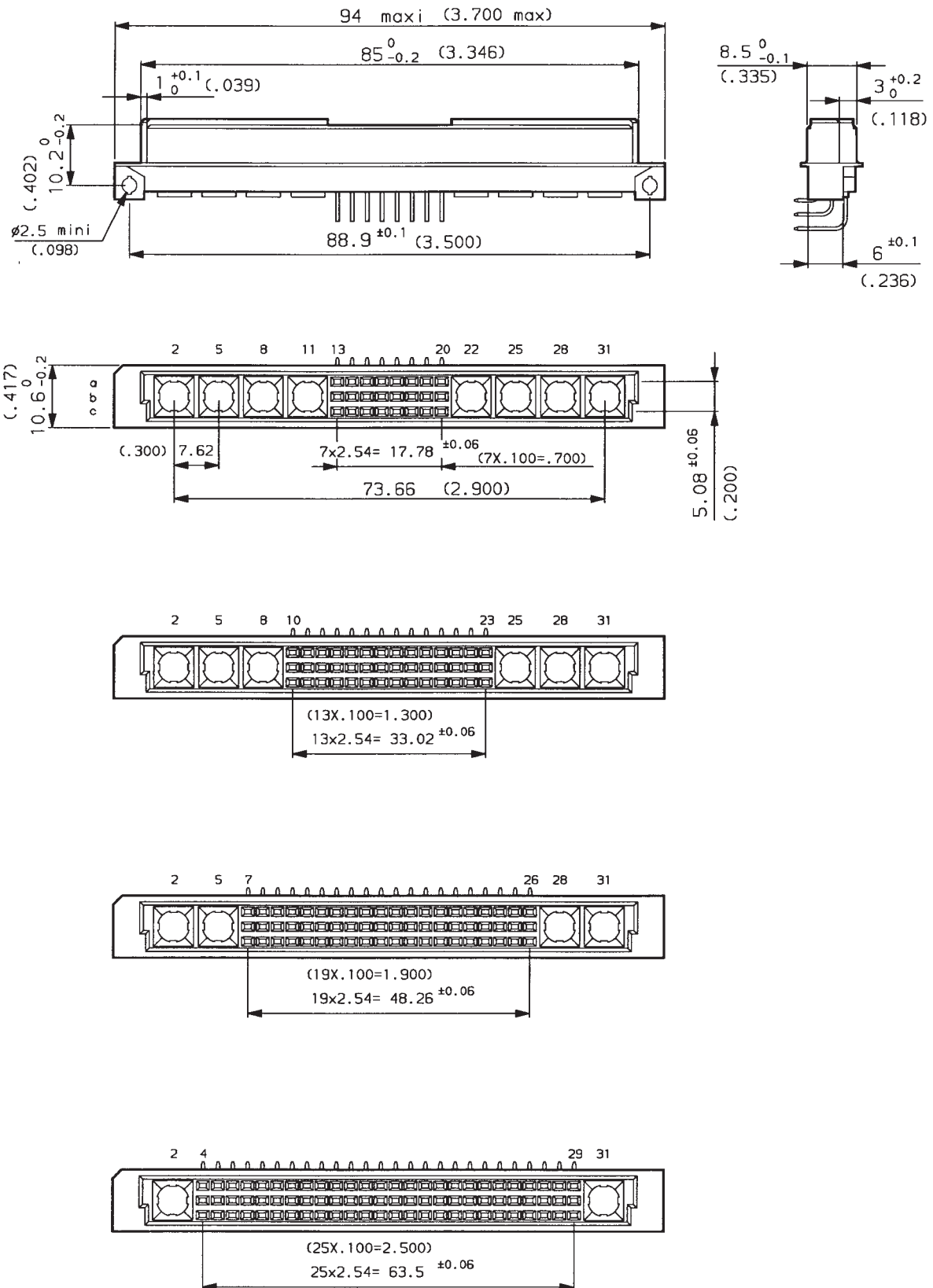
Coax	Power	Power	Fibre optic
<p>solder/crimp</p>	<p>solder to wire</p>	<p>crimp to wire</p>	
8609.F11.32.C1	8609.M31.0...	8609.M31.1...	8012.M32...

For detailed information concerning these inserts see pages 48-51



Reverse female, 3 row

8609 series, style M





Catalogue numbers - standard items

Housing type	Nbr of signal contacts	Contact arrang.	Contact termination
			<p>angled spills PCB 1,6 (.063)</p>
24+8	24		8609.324.H8.13.7x5.000.E2
24+8	16		8609.416.H8.13.7x5.000.E2
42+6	42		8609.342.F8.13.7x5.000.E2
42+6	28		8609.428.F8.13.7x5.000.E2
60+4	60		8609.360.D8.13.7x5.000.E2
60+4	40		8609.440.D8.13.7x5.000.E2
78+2	78		8609.378.B8.13.7x5.000.E2
78+2	52		8609.452.B8.13.7x5.000.E2



Performance class / plating:

- DIN 41612 class III: replace x by **4** in part number.
- DIN 41612 class II: replace x by **5** in part number.
- DIN 41612 class I: replace x by **6** in part number.

Contact plating : selective gold over nickel on contact area, tin-lead on termination.

Options:

Special terminations and contact arrangements are available upon request: consult factory.

Harpoons: see page 54

Recommended inserts:

Coaxial	Power	Fibre optic	Active device housing
solder to board	solder to board		
8609.M21.41.C1	8609.F41.21.C1	8012.F32...	8012.C32...

For detailed information concerning these inserts see pages 48-51