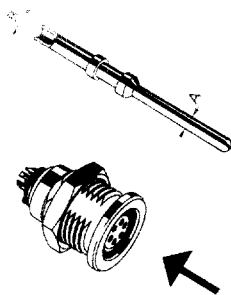




## ELECTRICAL SPECIFICATIONS COAX & TRIAX CONNECTORS



### COAX TRIAx

SERIES

**105**

**1051**

**107**

REFERENCE  
NUMBER

Contact  
Termination  
for

Test Voltage [kV]  
in mated position

AC rms

DC

Max. Admissible Current [A]  
at 20°C Temperature Rise

Max. Admissible Current [A]  
at 40°C Temperature Rise

Connector Type

Cable Group ①

Contact Diameter A [mm]

Wire Barrel Diameter B [mm]

Solder

Crimp

P.c.b. solder

Insulating Material

Impedance [Ω]

Center contact to  
Outer contact

Outer contact to  
Body

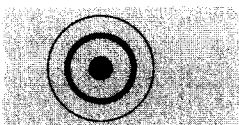
Center contact to  
Outer contact

Outer contact to  
Body

Max. Admissible Current [A]  
at 20°C Temperature Rise

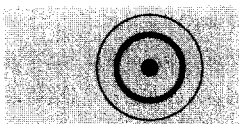
Max. Admissible Current [A]  
at 40°C Temperature Rise

**D**



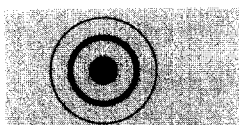
**105 A002**  
**105 Z002**

|      |                  |     |     |   |  |              |    |     |   |     |   |    |    |
|------|------------------|-----|-----|---|--|--------------|----|-----|---|-----|---|----|----|
| COAX | 5<br>6<br>7<br>8 | 3.0 | 2.8 | ● |  | PTFE<br>PEEK | 50 | 4.8 | - | 7.0 | - | 21 | 30 |
|------|------------------|-----|-----|---|--|--------------|----|-----|---|-----|---|----|----|



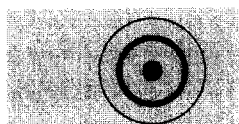
**105 A090**  
**105 Z090**

|      |        |     |     |   |  |      |    |     |   |    |   |     |    |
|------|--------|-----|-----|---|--|------|----|-----|---|----|---|-----|----|
| COAX | 6<br>7 | 1.3 | 1.2 | ● |  | PTFE | 75 | 6.4 | - | 11 | - | 9.0 | 13 |
|------|--------|-----|-----|---|--|------|----|-----|---|----|---|-----|----|



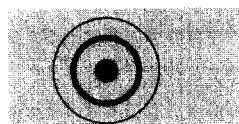
**105 A004**  
**105 Z004**

|            |             |     |     |   |  |              |    |     |   |    |   |    |    |
|------------|-------------|-----|-----|---|--|--------------|----|-----|---|----|---|----|----|
| COAX<br>HT | 5<br>7<br>8 | 4.0 | 3.0 | ● |  | PTFE<br>PEEK | 40 | 9.0 | - | 13 | - | 22 | 32 |
|------------|-------------|-----|-----|---|--|--------------|----|-----|---|----|---|----|----|



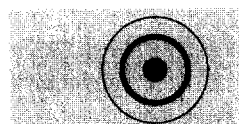
**105 A005**  
**105 Z005**

|            |             |     |     |   |  |                     |    |     |   |    |   |    |    |
|------------|-------------|-----|-----|---|--|---------------------|----|-----|---|----|---|----|----|
| COAX<br>HT | 4<br>6<br>7 | 2.0 | 2.1 | ● |  | PTFE<br>PEEK<br>PAI | 75 | 9.0 | - | 14 | - | 14 | 20 |
|------------|-------------|-----|-----|---|--|---------------------|----|-----|---|----|---|----|----|



**105 A049**  
**105 Z049**

|            |                  |     |     |   |  |                     |  |    |   |    |   |    |    |
|------------|------------------|-----|-----|---|--|---------------------|--|----|---|----|---|----|----|
| COAX<br>HT | 4<br>6<br>7<br>8 | 2.0 | 2.3 | ● |  | PTFE<br>PEEK<br>PAI |  | 12 | - | 25 | - | 25 | 35 |
|------------|------------------|-----|-----|---|--|---------------------|--|----|---|----|---|----|----|



**105 A108**

|            |                  |     |     |   |  |              |  |    |   |    |   |    |    |
|------------|------------------|-----|-----|---|--|--------------|--|----|---|----|---|----|----|
| COAX<br>HT | 4<br>6<br>7<br>8 | 2.0 | 2.5 | ● |  | PTFE<br>PEEK |  | 14 | - | 20 | - | 18 | 25 |
|------------|------------------|-----|-----|---|--|--------------|--|----|---|----|---|----|----|



**1051 A004**

|       |   |   |     |            |   |   |      |    |     |     |     |     |    |    |
|-------|---|---|-----|------------|---|---|------|----|-----|-----|-----|-----|----|----|
| TRIAx | ② | - | 1.6 | 1.5<br>2.5 | ● | ● | PTFE | 75 | 1.7 | 1.0 | 2.6 | 1.5 | 14 | 20 |
|-------|---|---|-----|------------|---|---|------|----|-----|-----|-----|-----|----|----|



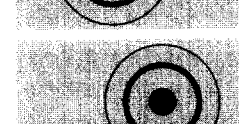
**107 A003**  
**107 Z003**

|            |             |     |     |   |  |      |    |    |   |    |   |    |    |
|------------|-------------|-----|-----|---|--|------|----|----|---|----|---|----|----|
| COAX<br>HT | 7<br>8<br>9 | 4.0 | 2.8 | ● |  | PTFE | 75 | 20 | - | 30 | - | 30 | 45 |
|------------|-------------|-----|-----|---|--|------|----|----|---|----|---|----|----|



**107 A004**

|            |             |     |     |   |  |      |    |    |   |    |   |    |    |
|------------|-------------|-----|-----|---|--|------|----|----|---|----|---|----|----|
| COAX<br>HT | 7<br>8<br>9 | 4.0 | 2.8 | ● |  | PTFE | 75 | 30 | - | 50 | - | 30 | 45 |
|------------|-------------|-----|-----|---|--|------|----|----|---|----|---|----|----|



**107 A017**  
**107 Z017**

|            |                   |     |     |   |  |             |    |    |   |    |   |    |    |
|------------|-------------------|-----|-----|---|--|-------------|----|----|---|----|---|----|----|
| COAX<br>HT | 7<br>8<br>9<br>10 | 5.0 | 5.1 | ● |  | PTFE<br>PAI | 50 | 30 | - | 50 | - | 40 | 60 |
|------------|-------------------|-----|-----|---|--|-------------|----|----|---|----|---|----|----|

① See list of recommended cables on page Q1.

② Plug and receptacle contain additionally recessed contacts.

③ Receptacles are available with an optional micro switch. ④ For detailed information, please ask for Triax Camera Connector Catalogue.