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MIL-C-5015 | DL | MIL-C-26482 | DC | ADCN | 7/16 DIN/N | AFC & SFC RF coaxial | EMP Protector Arrestor | RF coaxial

## DL Series pre-earth connectors

" 72  
 " 84  
 " 96  
 202

### Description

#### DL Series

Derived from the MS series, the DL series connectors have the particularity to provide an earth contact bonded to the connector shell.

The connectors meet the relevant safety requirements and have been tested and approved according to DIN VDE 0627 06.86 by TUV Product Service GmbH.



## Feature & Benefits

### Feature

Pre-earth contact is longer than normal contacts and shorted shell

V-shape Water proof rubber bushing in cable clamp. Conformity IP00 Spec.

Solder Termination

Al DC Shell, black Zinc plating Synthetics Resin insulator

Insert arrangements are in conformity with MIL-C-5015

### Benefits

When mating a plug and receptacle, the ground contact connects before the power contacts protecting the operator and the equipment from voltage surges.

If the cable to be used is much smaller in diameter than the bushing, a smaller bushing be added than is OK.

DL series have solder contacts, field repairable with no assembly tools required.

High corrosion resistance. Light Weight

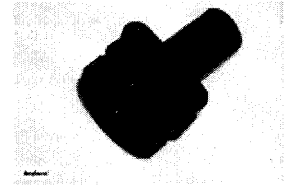
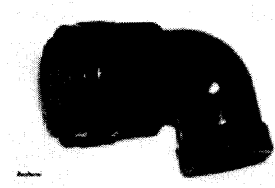
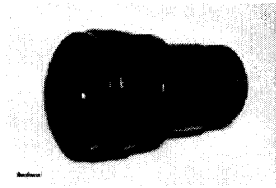
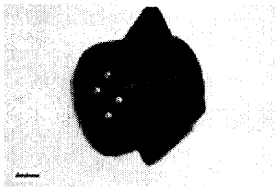
Intermateable and intermountable with other MIL-C-5015 connectors.

DL 3102A

DL3106A

DL 3108A

DL 3057



**Ordering information**

DL 3102A 18-10 P  
 1 2 3 4 5

1. Prefix

DL : DI series pre-earth connector

2. Shell style

3102A : Box mounting receptacle

3106A : Straight plug

3108A : 90° angle plug

3. Shell size

10SL, 18, 22, 24

4. Insert arrangement

| Insert No.                                      | 10SL-3 | 18-10 | 22-22 | 24-10 |
|---|--------|-------|-------|-------|
| Arrangement<br>(Front view<br>of pin<br>insert) |        |       |       |       |
| Contact Size                                    | #16    | #12   | #8    | #8    |
| No. of Contacts                                 | 3      | 4     | 4     | 7     |
| Pre-earth Contact                               | C      | D     | D     | G     |

5. Contact type

p : pin(+) male

s : socket(-) female

Pre-earth connectors are available in the following shell/insert arrangements:

- 3+PE DL3102A-10SL-3P
- 3+PE DL3106A-10SL-3S
- 3+PE DL3108A-10SL-3S
- 4+PE DL3102A-18-10P
- 4+PE DL3106A-18-10S
- 4+PE DL3108A-18-10S
- 4+PE DL3102A-22-22P
- 4+PE DL3106A-22-22S
- 4+PE DL3108A-22-22S
- 7+PE DL3102A-24-10P
- 7+PE DL3106A-24-10S
- 7+PE DL3108A-24-10S

Please consult Amphenol for availability of other shell/insert arrangements.

