

PANEL CUTOUT
.125 MAX PANEL THICKNESS

- .040 ±.020 (SIZE 23 CONTACTS)
- .060 ±.020 (SIZE 20 CONTACTS)
- .120 ±.020 (SIZE 16 CONTACTS)
- .220 ±.020 (SIZE 12 CONTACTS)

B B81514D

| REVISIONS | | | |
|-----------|----------------------------|----------|----------|
| SYM | DESCRIPTION | DATE | APPROVED |
| NONE | NEW RELEASE PER E.O. 68683 | 11-24-71 | OLL |
| A | REVISED PER E.O. 83027 | 10-17-77 | R.H. |
| B | REVISED PER E.O. A1811 | 2-16-84 | Shemas |

5. APPLICABLE DEUTSCH DRAWINGS:
51500 - INSERT ARRANGEMENTS & SHELL KEYING

4. MATERIAL: SHELL - COLD ROLL PER QQ-S-637
CONTACTS - PER MIL-C-81511
INSERTS - COMPRESSION GLASS, SILICONE
BASE ELASTOMER

3. FINISH: SHELL - TIN PER MIL-T-10727 OVER NICKEL
PER QQ-N-290
CONTACTS - GOLD PER MIL-G-45204 TYPE 11,
CLASS 2 OVER NICKEL PER QQ-N-290

2. THIS CONNECTOR WILL INTERMATE WITH
MIL-C-81511 SERIES 2

1. THIS CONNECTOR WILL MEET THE APPLICABLE
PERFORMANCE AND ENVIRONMENTAL REQUIREMENTS
OF MIL-C-81511 CLASS D


NOTE:

| PART NUMBER | A DIA. ±.003 | B MAX. | C MAX. | D MAX. | E ±.005 | F ±.005 | G THREAD |
|-------------|-----------------|--------|--------|--------|---------|---------|---------------|
| B81514D08 | .550 | .989 | 1.072 | .882 | .635 | .605 | 5/8-20UN-2A |
| B81514D10 | .675 | 1.114 | 1.197 | .944 | .760 | .730 | 3/4-20UNEF-2A |
| B81514D14 | .925 | 1.401 | 1.510 | 1.194 | 1.010 | .980 | 1-20UNEF-2A |
| B81514D16 | 1.051 | 1.526 | 1.635 | 1.319 | 1.135 | 1.105 | 1-1/8-20UN-2A |
| B81514D18 | 1.175 | 1.651 | 1.745 | 1.444 | 1.260 | 1.230 | 1-1/4-20UN-2A |

| SIGNATURE & DATE | |
|------------------|-----------------------------|
| DR | <i>D. Latham</i> 11-24-71 |
| CHK | <i>John A. ...</i> 11-30-71 |
| PE | <i>J. ...</i> |
| APPD | |
| SCALE | WT |

RECEPTACLE HERMETIC
SINGLE HOLE MOUNT
BAYONET COUPLING CONNECTOR
SOLDER CUP TERMINATION
MIL-C-81511 INTERMATING
SHORT SHELL SERIES

ENVELOPE

| | |
|---|----------------------------|
| CP | MATL CODE |
| The Deutsch Company ELECTRONIC COMPONENTS DIVISION  Municipal Airport Banning, California | |
| B | B81514D |
| DWG SIZE | CODE 11139 SHEET 1 OF 1 |