

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