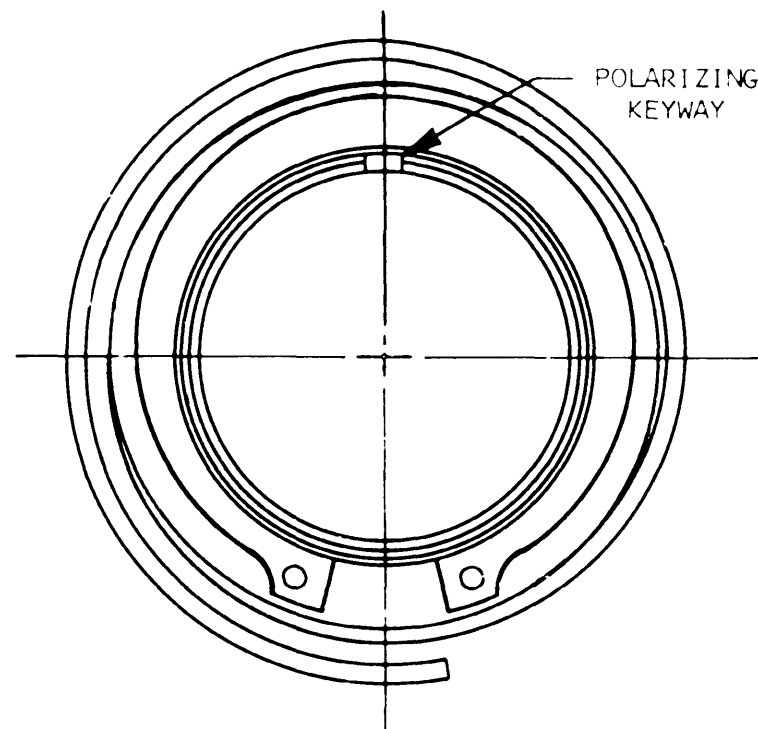


7

PANEL SEPARATION: FOR DESIGN PURPOSES, IN HIGH VIBRATION AND/OR OTHER ADVERSE ENVIRONMENT APPLICATIONS PANEL SEPARATION SHALL BE AS CLOSE TO THE MINIMUM ALLOWABLE DIMENSION AS FEASIBLE.



.500±.031 CONNECTOR TRAVEL
AT ZERO PANEL THICKNESS
(.440±.031 SIZE 61 ONLY)

1.641 MAX

BLUE COLOR BAND

POLARIZING
KEYWAYA
DIA

B

C
DIAD
DIAE
DIA

LARGE SNAP RING

BACKING WASHER

SMALL SNAP RING

SPRING

(3) .035±.005 DIA. SAFETY WIRE
HOLES EQUALLY SPACED

SQUARE FLANGE RECEPTACLE
(REF.)

.562 ±.062

PANEL

7

PLUG

VIEW SHOWING MATED POSITION

6. PART NUMBER EXAMPLE:

D8179 E 19 - 0 P N - 0000

MODIFICATION

CLOCKING POSITION

CONTACT STYLE

INSERT ARRANGEMENT

SHELL SIZE

CLASS

L = FLUID RESISTANT, EXTENDED, 175°

E = FLUID RESISTANT, 200°

BASIC IDENTIFIER

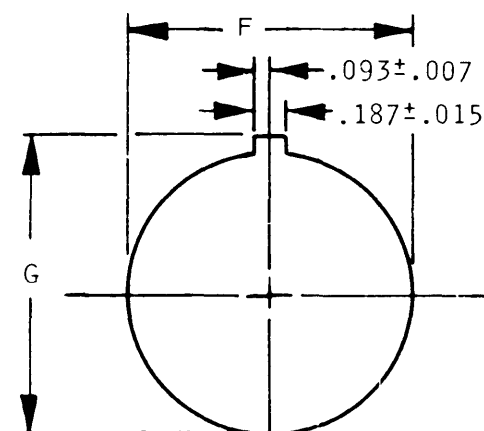
4. FINISH: ELECTROLESS NICKEL PER
MIL-C-26074 CLASS 4 GRADE A

3. FOR PLUG WITH BACKSHELL
WITH STRAIGHT STRAIN RELIEF,
OR 90° STRAIN RELIEF CON-
SULT FACTORY.

2. SEE CATALOG "GENERAL -
DESCRIPTION" FOR ELECTRICAL
AND MATERIAL SPECIFICATION.

1. FOR AVAILABLE CONTACT ARRANGEMENTS AND
ALTERNATE INSERT POSITIONS. SEE 38500P
SHEETS IN DBA PUSH-PULL COUPLING SECTION IN
CATALOG.

NOTES:



PANEL CUTOUT DETAIL

PART NO.	A±.005	B MAX	C MAX	D MAX	E MAX	F±.015	G±.015	WEIGHT IN LBS.
D8179*3-*P/S*	.875	.790	.682	.760	1.218	.671	.843	P .0359 S .0377
D8179*7-*P/S*	1.156	.984	.858	.960	1.348	.812	.984	P .0524 S .0537
D8179*12-*P/S*	1.250	1.171	.984	1.085	1.562	.953	1.109	P .0775 S .0801
D8179*19-*P/S*	1.375	1.312	1.112	1.260	1.703	1.062	1.234	P .0871 S .0970
D8179*27-*P/S*	1.515	1.468	1.218	1.406	1.853	1.203	1.375	P .1274 S .1369
D8179*37-*P/S*	1.796	1.640	1.345	1.597	2.104	1.375	1.531	P .1549 S .1631
D8179*61-*P/S*	2.140	2.018	1.653	1.984	2.833	1.687	1.859	P .2558 S .2738

SIGNATURE & DATE	
DR	N. Andrews 5-2-73
CHK	J. E. Fort 5-3-73
PE	M. Chandler
APPD	
SCALE	NONE
WT	

CONNECTOR PLUG

RACK & PANEL

MIL-C-81703 SERIES III TYPE

(ENVELOPE)

CP	MATL. CODE
The Deutsch Company ELECTRONIC COMPONENTS DIVISION Municipal Airport Banning, California	
B	D8179*3-*P/S*
DWG SIZE	CODE 11139
SHEET 1 OF 1	