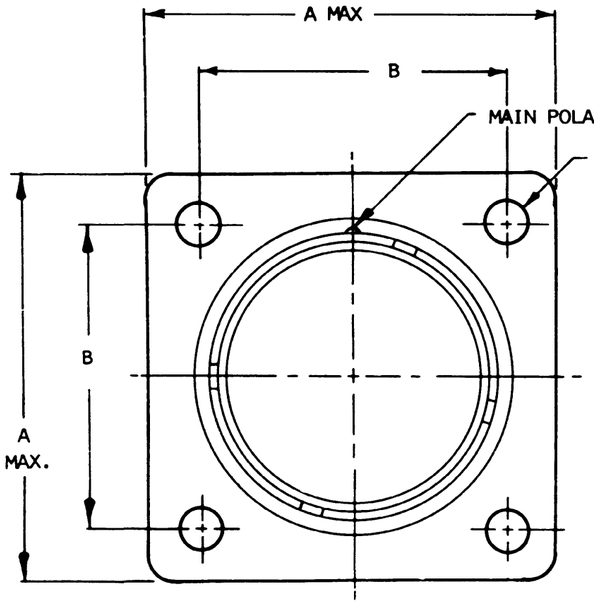
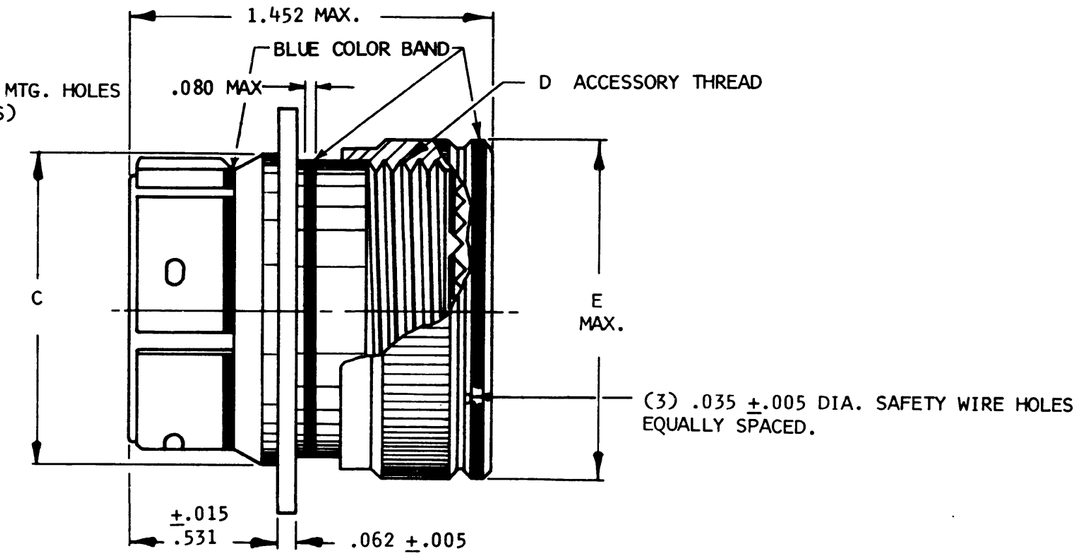
	D8170**-*P/S*	REVISIONS			
		SYM	DESCRIPTION	DATE	APPROVED
		N/C	NEW RELEASE PER E.O. 71716	4-30-73	LEF





PART NO.'S	A MAX.	B±.005	C±.015	D THREAD 2A	E MAX.	WEIGHT IN LBS.
D8170* 3-*P/S*	.891	.625	.562	9/16-24 UNEF	.682	P .0230 S .0238
D8170* 7-*P/S*	1.016	.719	.675	3/4-20 UNEF	.858	P .0336 S .0350
D8170*12-*P/S*	1.109	.812	.812	7/8-20 UNEF	.984	P .0428 S .0450
D8170*19-*P/S*	1.203	.906	.937	1-20 UNEF	1.112	P .0519 S .0566
D8170*27-*P/S*	1.297	.968	1.120	1 1/16-18 UNEF	1.218	P .0629 S .0702
D8170*37-*P/S*	1.453	1.187	1.250	1 3/16-18 UNEF	1.345	P .0804 S .0878
D8170*61-*P/S*	1.797	1.436	1.562	1 1/2-18 UNEF	1.653	P .1181 S .1321

6. PART NUMBER EXAMPLE:
   D8170 E 19 - 0 P N - ***
   - *** MODIFICATION
   - N CLOCKING POSITION
   - P CONTACT STYLE
   - 0 INSERT ARRANGEMENT
   - 19 SHELL SIZE
   - E CLASS
     L = FLUID RESISTANT, EXTENDED, 175°
     E = FLUID RESISTANT, 200°
   - D8170 BASIC IDENTIFIER

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

4. CONNECTOR WEIGHTS SHOWN ARE LESS CONTACTS.

3. FOR RECEPTACLE WITH BACKSHELL, WITH STRAIGHT STRAIN RELIEF, OR 90° STRAIN RELIEF, CONSULT 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:

	SIGNATURE & DATE
DR	N. ANDREWS 4-30-73
CHK	L.E. Foat 5-3-73
PE	
APPD	
SCALE NONE	WT

CONNECTOR, RECEPTACLE,
SQUARE FLANGE MTG.,
PUSH-PULL
QUICK DISCONNECT COUPLING
MIL-C-81703 SERIES III TYPE

(ENVELOPE)

CP — MATL. CODE

The Deutsch Company
ELECTRONIC COMPONENTS DIVISION
Municipal Airport
Banning, California

B — DWG SIZE — D8170**-*P/S*

CODE 11139 — SHEET 1 OF 1