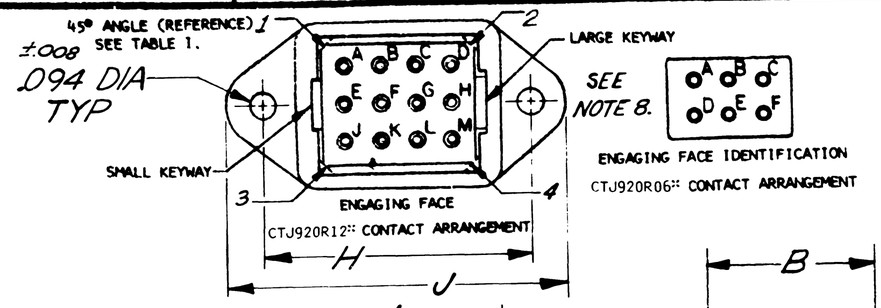
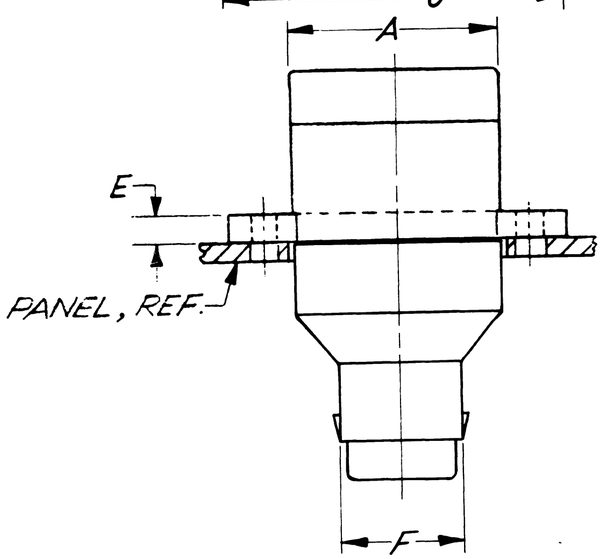
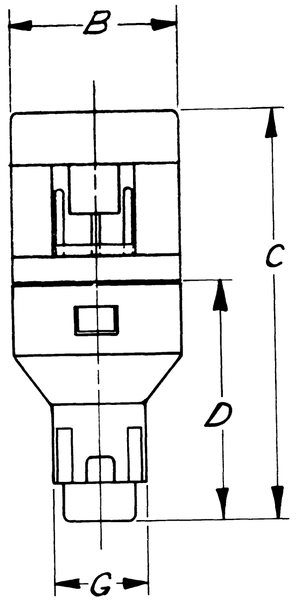
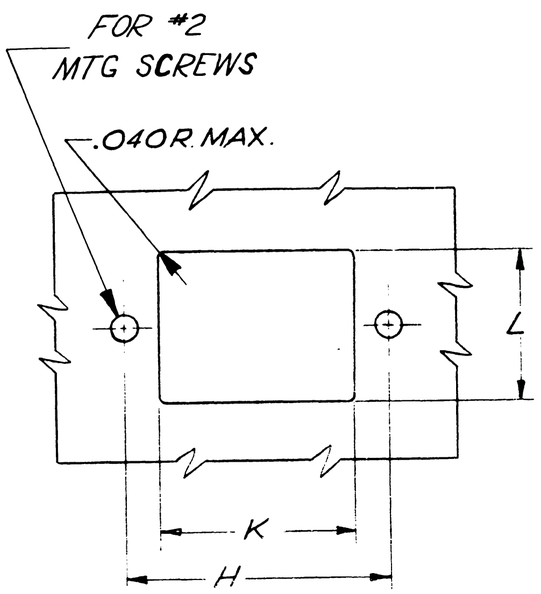
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
N/C	NEW RELEASE PER E.O. 81912	8/16/76	JDM



ENGAGING FACE IDENTIFICATION
CTJ920R06** CONTACT ARRANGEMENT







RECOMMENDED PANEL CUTOUT.

REV	
N/C	CTJ920R***

8. CONTACT IDENTIFICATION LETTERS ARE SHOWN FOR REFERENCE ONLY AND MAY NOT NECESSARILY BE IN TRUE POSITION. GROMMET IDENTIFICATION IS APPROXIMATELY OPPOSITE.

7. EXPLANATION OF PART NUMBER: CTJ 9 20 R ::: :

- CTJ — BASIC IDENTIFIER
- 9 — RECEPTACLE MODULE
- 20 — CONTACT SIZE (20)
- R — REAR ENVIRONMENTAL ASSEMBLY
- ::: — NUMBER OF CONTACTS
  - 06 = 6
  - 12 = 12 (CONSULT FACTORY FOR AVAILABILITY)
- : — KEYING POSITION PROVIDED WITH 2 45° CORNERS (REF DASHED LINES) AT INDICATED LOCATIONS ON ENGAGING FACE VIEW AND TABLE I.
  - N STANDARD
  - 1 THRU 3, ALTERNATE (CONSULT FACTORY)

6. MODULE UNMATING TOOL, PART NUMBER CTJ-R00, TO BE ORDERED SEPARATELY.

5. MODULES MEET APPLICABLE PERFORMANCE REQUIREMENTS OF MIL-C-83723, REV B, EXCEPT AS FOLLOWS:
   CONTACT ENGAGING & SEPARATION FORCES (INITIAL):
   18 OZ MAX/.7 OZ. MIN.

   #20 SOCKET CONTACT RETENTION FORCES: 15 LBS. MIN. (AXIAL)
   USABLE WIRE SIZE: AWG 20 THRU 24.
   GROMMET WILL SEAL ON SMOOTH INSULATION FROM .040 TO .083" O.D.
   MODULE MATING FORCE: 6 CONTACT - 19 LBS. MAX., 12 CONTACT- 26 LBS. MAX.

4. MATERIAL: HOUSING: PLASTIC, GROMMET: SILICONE ELASTOMER, CONTACTS: COPPER ALLOY, COVER: COPPER ALLOY.
3. CONTACT CENTER TO CENTER SPACING .130
2. DIMENSIONS ARE SPECIFIED IN INCHES.
1. MATES WITH MODULE, PLUG, DEUTSCH PART NUMBER CTJ620E:::::.

NOTE:

TABLE II.

PART Nº	NUMBER OF CONTACTS	A ±.030	B ±.030	C MAX	D MAX	E ±.010	F	G	H	J ±.030	K	L
CTJ920R06*	6	.650	.470	1.525	1.000	.100	.458	.348	.880	1.180	.665	.485
CTJ920R12*	12	.770	.620	1.525	1.000	.100	.580	.488	1.000	1.300	.785	.635

TABLE I

KEYING POSITION	45° ANGLE LOCATIONS
N	1 & 2
1	3 & 4
2	1 & 3
3	2 & 4

TOLERANCES UNLESS OTHERWISE SPECIFIED		SIGNATURE & DATE	MODULE ASSEMBLY RECEPTACLE WITH REAR ENVIRONMENTAL ASSEMBLY 6 & 12 PINS ENVELOPE	CP	MATL CODE
DECIMALS: .XXX ± .005 ANGLES: ± 0° 30' 0" TIR .010 PARTS TO BE FREE OF BURRS AND SHARP EDGES	DR	Don Singleton 8-2-76		The Deutsch Company ELECTRONIC COMPONENTS DIVISION Municipal Airport Banning, California	
MATERIAL SEE NOTE 4.	CHK	Ron von Haninger 8/16/76		C	CTJ920R***
FINISH	PE	J. MacDonald 8-16-76		DWG SIZE	CODE 11139 SHEET 1 OF 1
	APPD				
	SCALE	WT			