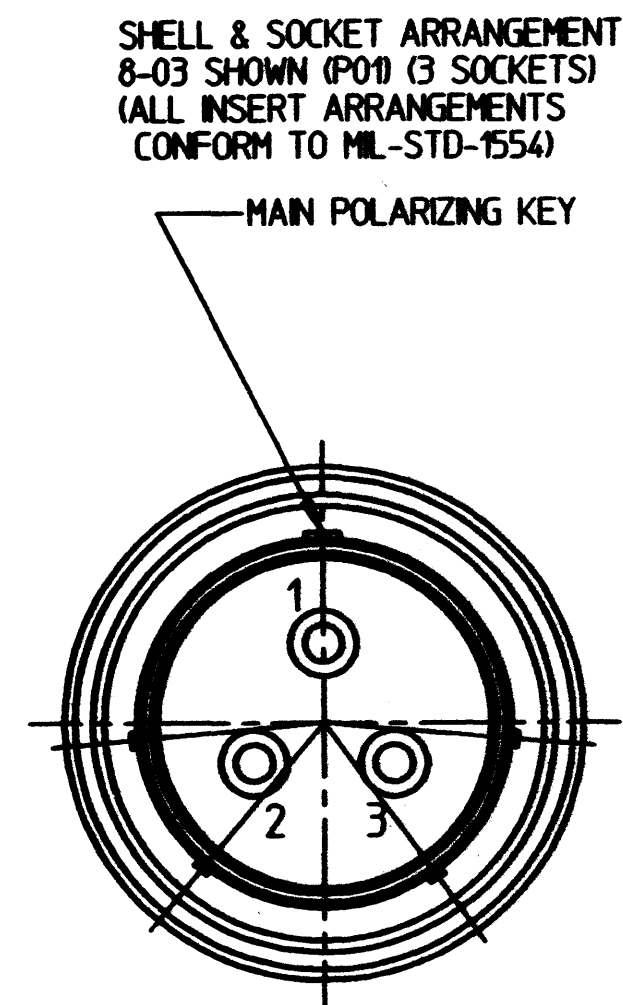
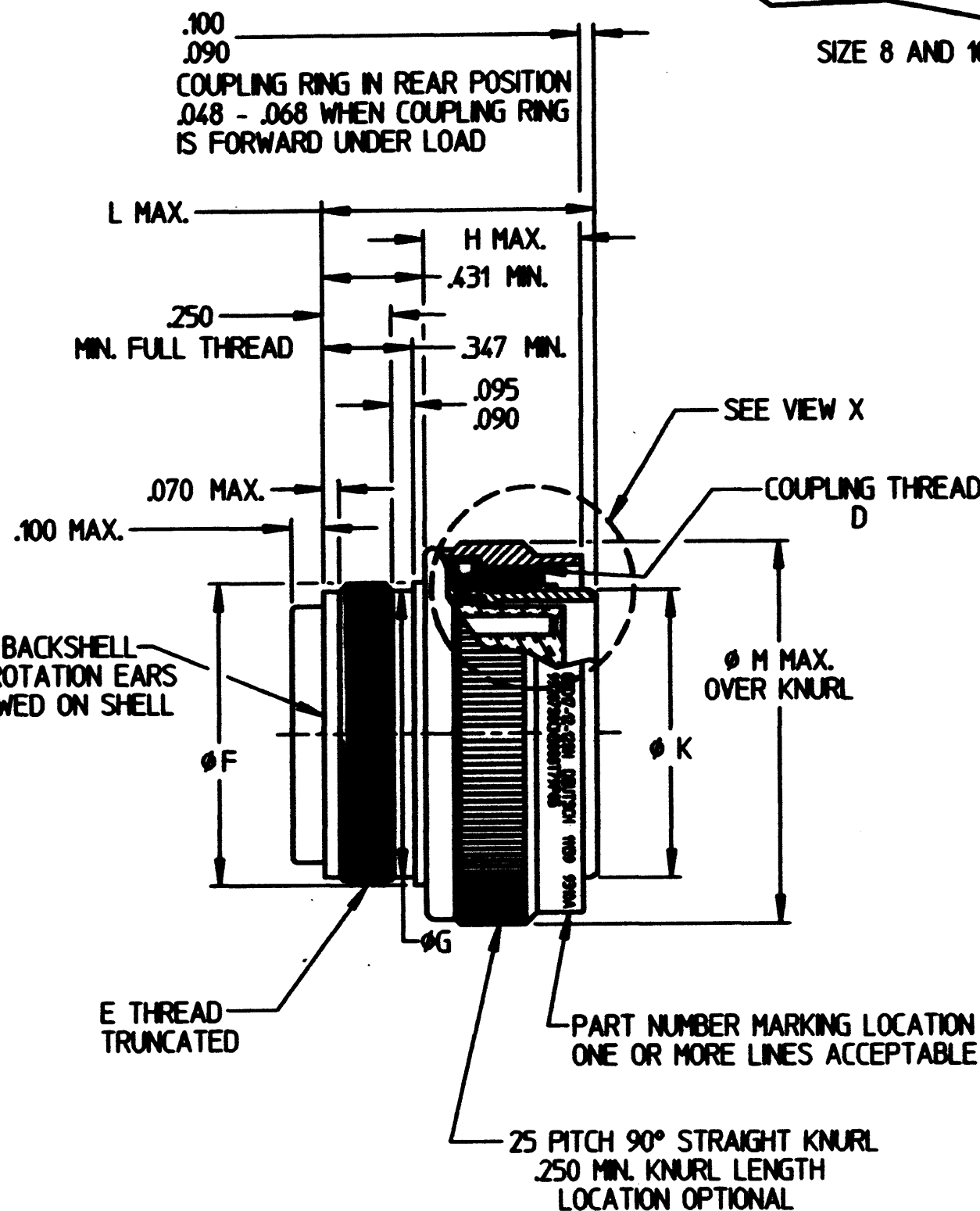
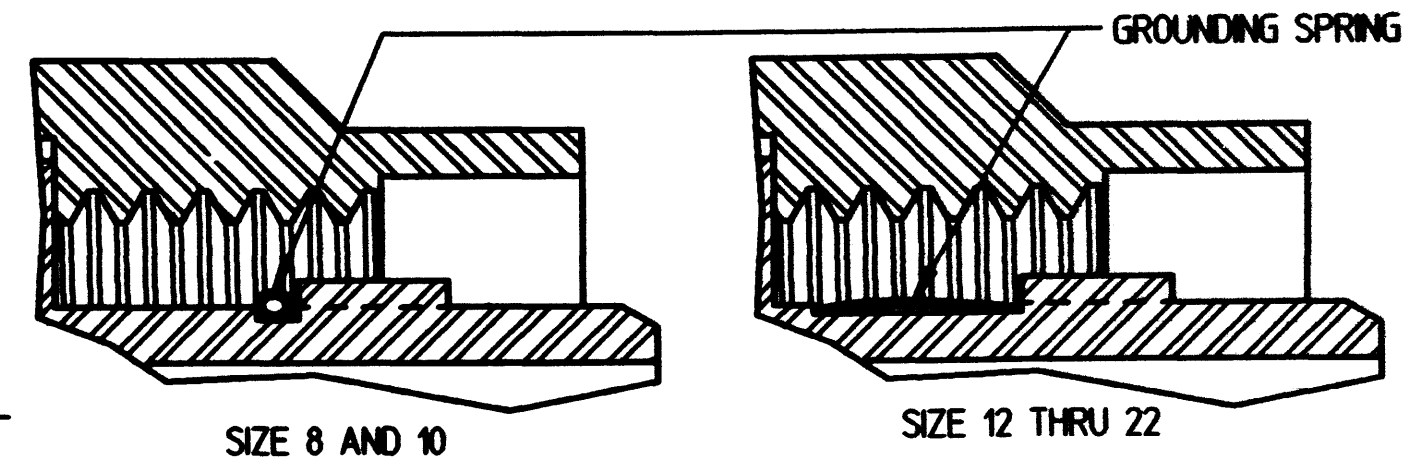




**GENERAL ELECTRIC AIRCRAFT ENGINES
CONTROLLED DRAWING OR DOCUMENT
CHANGES MADE PER SOP 79-07-008 ONLY**

- DATE CODE
- CAGE CODE
- OR SYMBOL
- DEUTSCH PART NUMBER

99207S0CN5088T79P05 GE PART NUMBER

9. GROUNDING SPRING MUST BE FIELD REPLACEMENT. SIZE 8 & 10 ARE IRIS SPRING ALL OTHER SIZES ARE LEAF SPRING DESIGN.
8. FOR THIS CONNECTOR INCLUDE FOUR CHROMEL AND THREE ALUMEL SOCKET CONTACTS. SHALL CONFORM TO ANSI SPEC. MC 96.1 1982.
7. FOR THIS CONNECTOR, INCLUDE TWO CHROMEL AND TWO ALUMEL SOCKET CONTACTS. SHALL CONFORM TO ANSI SPEC MC 96.1 1982.
6. FOR THIS CONNECTOR, INCLUDE ONE CHROMEL AND ONE ALUMEL SOCKET CONTACT. SHALL CONFORM TO ANSI SPEC MC 96.1 1982.
5. PLASTIC PROTECTIVE DUST CAPS ARE TO BE ASSEMBLED EXTERNALLY OVER THE FRONT END OF THE COUPLING RING.
4. SHELL MATERIAL: STAINLESS STEEL PER AMS5640 SHELL FINISH: ELECTRODEPOSITED NICKEL IN ACCORDANCE WITH QQ-N-290 CLASS 2, 0.0001 TO 0.0002 INCHES THICK, COUPLING RING PASSIVATED.
3. ELECTRICAL CONTACT FINISH: 0.000050 MIN. THICK GOLD PER MIL-G-45204 OVER 0.000050 MIN. THICK NICKEL PER QQ-N-290 AS MEASURED ON CONTACT ENGAGING SURFACES. THERMOCOUPLES ARE NOT PLATED

	DEUTSCH CONTACT PART NUMBERS		
	THERMOCOUPLE		
SIZE	STANDARD	ALUMEL	CHROMEL
20	8062-201-2031	0603-15-2001	0603-16-2001
16	8062-201-1631	0603-15-1601	0603-16-1601
12	8062-201-1231	N/A	N/A

⚠ TORQUE REQUIRED TO ROTATE COUPLING RING OF PLUG IN EITHER DIRECTION WHEN UNMATED SHALL FALL WITHIN LIMITS GIVEN IN TABLE EXCEPT TORQUE VALUES IN COUPLING DIRECTION MAY BE 0.1 LB-IN MINIMUM. TORQUE VALUES USED SHALL BE AVERAGE OF DETENT VALUES IN ONE REVOLUTION OF COUPLING NUT FOLLOWING 2 REVOLUTIONS IN LOOSENING DIRECTION. THIS REQUIREMENT CAN BE MET BY MEASURING EVERY FOURTH DETENT.

1. ALL CONTACTS PLUS GROMMET SEALING PLUGS SHALL BE SUPPLIED UNASSEMBLED TO CONNECTOR AND ONE CONTACT INSERTION/REMOVAL TOOL SHALL BE SUPPLIED WITH EACH CONNECTOR.

NOTE:

SIGNATURE & DATE		CONNECTOR, PLUG NON-DECOUPLING SCOOP PROOF NICKEL PLATED WITH GROUNDING SPRING FOR GEAE ENVELOPE	CP	MATL CODE	
DR	D.WHITACRE 4/14/94		DEUTSCH ENGINEERED CONNECTING DEVICES  Municipal Airport Banning, California	C	GED17-***-**S*
CHK	Jo Powell 6-3-94				
PE	TIM HOLT 4/14/94				
APPO			DWG SIZE	CODE 1169	SHEET 1 OF 2
SCALE	NONE	WT			

APPLICABLE NOTES	A	B	C	LBS.	TORQUE-LB-IN		D THREAD	E THREAD	ØF	+.000	H	J	+.000	L	ØM	SIZE &	SIMILAR TO	GE	DEUTSCH
	±.028	±.007	±.023	MAX.	MIN.	MAX.			±.002	ØG -.004	MAX.	±.005	ØK -.005	MAX.	MAX.	INSERT		PART NUMBER	PART NUMBER
1 THRU 6	.226	.536	.452	.206	1.8	4.5	1.1875-18UNEF-2B	1.0625-18UNEF-2A	1.033	.988	.853	.678	.998	1.367	1.432	18-31SY	M83723/95	5088T79P41	GED17-18A31SY
1 THRU 6	.226	.536	.452	.206	1.8	4.5	1.1875-18UNEF-2B	1.0625-18UNEF-2A	1.033	.988	.853	.678	.998	1.367	1.432	18-31S9	M83723/95	5088T79P40	GED17-18A31S9
1 THRU 6	.226	.536	.452	.206	1.8	4.5	1.1875-18UNEF-2B	1.0625-18UNEF-2A	1.033	.988	.853	.678	.998	1.367	1.432	18-31S8	M83723/95	5088T79P39	GED17-18A31S8
1 THRU 6	.226	.536	.452	.206	1.8	4.5	1.1875-18UNEF-2B	1.0625-18UNEF-2A	1.033	.988	.853	.678	.998	1.367	1.432	18-31S7	M83723/95	5088T79P38	GED17-18A31S7
1 THRU 5	.226	.486	.402	.123	1.2	3.5	.875-20UNEF-2B	.750-20UNEF-2A	.731	.681	.803	.628	.696	1.317	1.090	12-12S7	M83723/95	5088T79P37	GED17-12-12S7
1 THRU 5	.226	.576	.492	.258	2.0	5.0	1.4375-18UNEF-2B	1.3123-18UNEF-2A	1.283	1.237	.893	.718	1.248	1.407	1.682	22-55S7	M83723/95	5088T79P36	GED17-22-55S7
1 THRU 6	.226	.516	.432	.192	1.5	4.5	1.0625-18UNEF-2B	1.000-20UNEF-2A	.974	.931	.833	.658	.892	1.347	1.326	16-24SY	M83723/95	5088T79P35	GED17-16A24SY
1 THRU 5	.226	.576	.492	.258	2.0	5.0	1.4375-18UNEF-2B	1.3125-18UNEF-2A	1.283	1.237	.893	.718	1.248	1.407	1.682	22-55S6	M83723/95	5088T79P34	GED17-22-55S6
1 THRU 5	.226	.536	.452	.206	1.8	4.5	1.1875-18UNEF-2B	1.0625-18UNEF-2A	1.033	.988	.853	.678	.998	1.367	1.432	18-31S9	M83723/95	5088T79P33	GED17-18-31S9
1 THRU 5	.226	.536	.452	.206	1.8	4.5	1.1875-18UNEF-2B	1.0625-18UNEF-2A	1.033	.988	.853	.678	.998	1.367	1.432	18-31S8	M83723/95	5088T79P32	GED17-18-31S8
1 THRU 6	.226	.516	.432	.192	1.5	4.5	1.0625-18UNEF-2B	1.000-20UNEF-2A	.974	.931	.833	.658	.892	1.347	1.326	16-24S9	M83723/95	5088T79P31	GED17-16A24S9
1 THRU 5 & 7	.226	.516	.432	.192	1.5	4.5	1.0625-18UNEF-2B	1.000-20UNEF-2A	.974	.931	.833	.658	.892	1.347	1.326	16-24S6	M83723/95	5088T79P30	GED17-16B24S6
1 THRU 6	.226	.576	.492	.258	2.0	5.0	1.4375-18UNEF-2B	1.3125-18UNEF-2A	1.283	1.237	.893	.718	1.248	1.407	1.682	22-19S6	M83723/95	5088T79P29	GED17-22A19S6
1 THRU 5 & 7	.226	.516	.432	.192	1.5	4.5	1.0625-18UNEF-2B	1.000-20UNEF-2A	.974	.931	.833	.658	.892	1.347	1.326	16-24SN	M83723/95	5088T79P28	GED17-16B24SN
1 THRU 6	.226	.516	.432	.192	1.5	4.5	1.0625-18UNEF-2B	1.000-20UNEF-2A	.974	.931	.833	.658	.892	1.347	1.326	16-24S8	M83723/95	5088T79P27	GED17-16A24S8
1 THRU 6	.226	.536	.452	.206	1.8	4.5	1.1875-18UNEF-2B	1.0625-18UNEF-2A	1.033	.988	.853	.678	.998	1.367	1.432	18-31S6	M83723/95	5088T79P26	GED17-18A31S6
1 THRU 6	.226	.516	.432	.192	1.5	4.5	1.0625-18UNEF-2B	1.000-20UNEF-2A	.974	.931	.833	.658	.892	1.347	1.326	16-24S7	M83723/95	5088T79P25	GED17-16A24S7
1 THRU 5	.226	.516	.432	.192	1.5	4.5	1.0625-18UNEF-2B	1.000-20UNEF-2A	.974	.931	.833	.658	.892	1.347	1.326	16-24S7	M83723/95	5088T79P24	GED17-16-24S7
1 THRU 5 & 7	.226	.536	.452	.206	1.8	4.5	1.1875-18UNEF-2B	1.0625-18UNEF-2A	1.033	.988	.853	.678	.998	1.367	1.432	18-31SN	M83723/95	5088T79P23	GED17-18B31SN
1 THRU 5 & 7	.226	.496	.412	.156	1.5	4.5	.9375-20UNEF-2B	.875-20UNEF-2A	.849	.806	.813	.638	.765	1.327	1.203	14-15SN	M83723/95	5088T79P22	GED17-14B15SN
1 THRU 6	.226	.516	.432	.192	1.5	4.5	1.0625-18UNEF-2B	1.000-20UNEF-2A	.974	.931	.833	.658	.892	1.347	1.326	16-24S6	M83723/95	5088T79P21	GED17-16A24S6
1 THRU 6	.226	.516	.432	.192	1.5	4.5	1.0625-18UNEF-2B	1.000-20UNEF-2A	.974	.931	.833	.658	.892	1.347	1.326	16-24SN	M83723/95	5088T79P20	GED17-16A24SN
1 THRU 6	.226	.496	.412	.157	1.5	4.5	.9375-20UNEF-2B	.875-20UNEF-2A	.849	.806	.813	.638	.765	1.327	1.203	14-7SN	M83723/95	5088T79P19	GED17-14A7SN
1 THRU 6	.226	.576	.492	.258	2.0	5.0	1.4375-18UNEF-2B	1.3125-18UNEF-2A	1.283	1.237	.893	.718	1.248	1.407	1.682	22-55SN	M83723/95	5088T79P18	GED17-22A55SN
1 THRU 6	.226	.536	.452	.206	1.8	4.5	1.1875-18UNEF-2B	1.0625-18UNEF-2A	1.033	.988	.853	.678	.998	1.367	1.432	18-31SN	M83723/95	5088T79P17	GED17-18A31SN
1 THRU 6	.226	.496	.412	.156	1.5	4.5	.9375-20UNEF-2B	.875-20UNEF-2A	.849	.806	.813	.638	.765	1.327	1.203	14-15SN	M83723/95	5088T79P16	GED17-14A15SN
1 THRU 5 & 8	.226	.496	.412	.157	1.5	4.5	.9375-20UNEF-2B	.875-20UNEF-2A	.849	.806	.813	.638	.765	1.327	1.203	14-7SN	M83723/95	5088T79P15	GED17-14C7SN
1 THRU 5	.226	.576	.492	.258	2.0	5.0	1.4375-18UNEF-2B	1.3125-18UNEF-2A	1.283	1.237	.893	.718	1.248	1.407	1.682	22-55SN	M83723/95	5088T79P14	GED17-22-55SN
1 THRU 5	.226	.486	.402	.123	1.2	3.5	.875-20UNEF-2B	.750-20UNEF-2A	.731	.681	.803	.628	.696	1.317	1.090	12-12S6	M83723/95	5088T79P13	GED17-12-12S6
1 THRU 5	.226	.536	.452	.206	1.8	4.5	1.1875-18UNEF-2B	1.0625-18UNEF-2A	1.033	.988	.853	.678	.998	1.367	1.432	18-31S7	M83723/95	5088T79P12	GED17-18-31S7
1 THRU 5	.226	.536	.452	.206	1.8	4.5	1.1875-18UNEF-2B	1.0625-18UNEF-2A	1.033	.988	.853	.678	.998	1.367	1.432	18-31S6	M83723/95	5088T79P11	GED17-18-31S6
1 THRU 5	.226	.536	.452	.206	1.8	4.5	1.1875-18UNEF-2B	1.0625-18UNEF-2A	1.033	.988	.853	.678	.998	1.367	1.432	18-31SN	M83723/95	5088T79P10	GED17-18-31SN
1 THRU 5	.226	.516	.432	.192	1.5	4.5	1.0625-18UNEF-2B	1.000-20UNEF-2A	.974	.931	.833	.658	.892	1.347	1.326	16-24S6	M83723/95	5088T79P09	GED17-16-24S6
1 THRU 5	.226	.516	.432	.192	1.5	4.5	1.0625-18UNEF-2B	1.000-20UNEF-2A	.974	.931	.833	.658	.892	1.347	1.326	16-24SN	M83723/95	5088T79P08	GED17-16-24SN
1 THRU 5	.226	.496	.412	.156	1.5	4.5	.9375-20UNEF-2B	.875-20UNEF-2A	.849	.806	.813	.638	.765	1.327	1.203	14-15SN	M83723/95	5088T79P07	GED17-14-15SN
1 THRU 5	.226	.496	.412	.157	1.5	4.5	.9375-20UNEF-2B	.875-20UNEF-2A	.849	.806	.813	.638	.765	1.327	1.203	14-7SN	M83723/95	5088T79P06	GED17-14-7SN
1 THRU 5	.226	.486	.402	.123	1.2	3.5	.875-20UNEF-2B	.750-20UNEF-2A	.731	.681	.803	.628	.696	1.317	1.090	12-12SN	M83723/95	5088T79P05	GED17-12-12SN
1 THRU 5	.226	.486	.402	.121	1.2	3.5	.875-20UNEF-2B	.750-20UNEF-2A	.731	.681	.803	.628	.696	1.317	1.090	12-3SN	M83723/95	5088T79P04	GED17-12-3SN
1 THRU 5	.226	.456	.372	.079	0.9	2.7	.6875-24UNEF-2B	.625-24UNEF-2A	.604	.560	.773	.598	.526	1.287	.958	10-5S6	M83723/95	5088T79P03	INACTIVE
1 THRU 5	.226	.456	.372	.079	0.9	2.7	.6875-24UNEF-2B	.625-24UNEF-2A	.604	.560	.773	.598	.526	1.287	.958	10-5SN	M83723/95	5088T79P02	INACTIVE
1 THRU 5	.226	.436	.352	.068	0.5	2.0	.5625-24UNEF-2B	.500-20UNEF-2A	.478	.431	.753	.578	.405	1.267	.832	8-3SN	M83723/95	5088T79P01	INACTIVE

GENERAL ELECTRIC AIRCRAFT ENGINES
CONTROLLED DRAWING OR DOCUMENT
CHANGES MADE PER SCP 79-37-008 ONLY

NOTE:

SIGNATURE & DATE		CONNECTOR, PLUG NON-DECOUPLING SCOOP PROOF NICKEL PLATED WITH GROUNDING SPRING FOR GEAE ENVELOPE	CP	MATL CODE	
DR	D.WHITACRE 4/14/94		DEUTSCH ENGINEERED CONNECTING DEVICES Municipal Airport Banning, California		
CHK	<i>to Powell</i> 6-3-94		C	GED17-***S*	
PE	TIM HOLT 4/14/94			DWG SIZE	CODE 1139
APPD				SHEET 2 OF 2	
SCALE	NONE WT				

Mouser Electronics

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