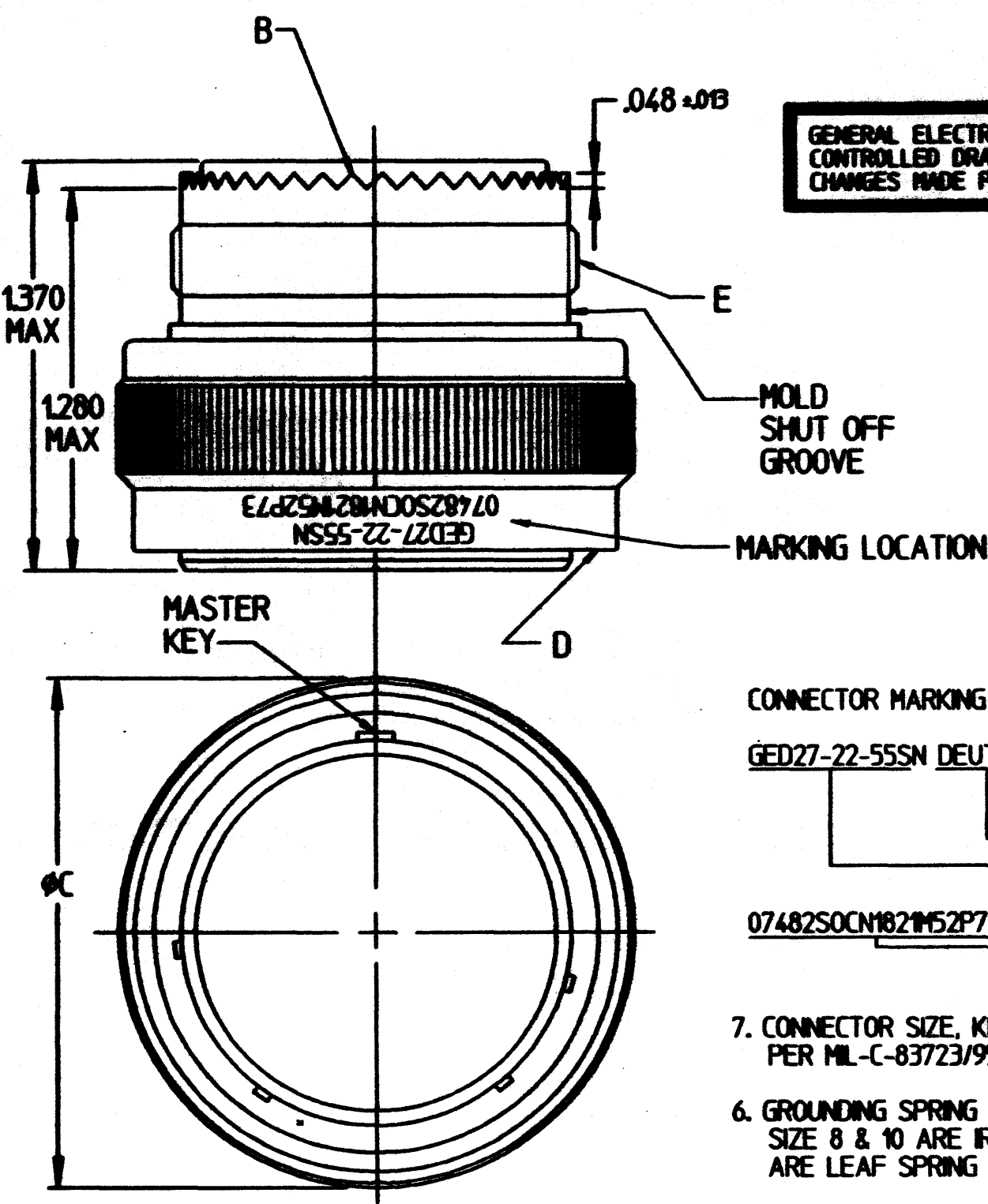


MAX/WT LBS	E THREAD REF	MAJOR Ø MIN	D THREAD REF	MINOR Ø MAX	C MAX	B NO. OF TEETH	GE PART NUMBER	DEUTSCH PART NUMBER
.070	.500-20 UNF-2A	.476	.5625-24 UNEF-2B	.527	.832	12	1821M52P01	GED27-8-98SN
							1821M52P02	GED27-8-98S6
							1821M52P03	GED27-8-98S7
							1821M52P04	GED27-8-98S8
							1821M52P05	GED27-8-98S9
							1821M52P06	GED27-8-98SY
							1821M52P07	GED27-8-3SN
							1821M52P08	GED27-8-3S6
							1821M52P09	GED27-8-3S7
							1821M52P10	GED27-8-3S8
							1821M52P11	GED27-8-3S9
.095	.625-24 UNEF-2A	.602	.6875-24 UNEF-2B	.655	.958	15	1821M52P12	GED27-8-3SY
							1821M52P13	GED27-10-5SN
							1821M52P14	GED27-10-5S6
							1821M52P15	GED27-10-5S7
							1821M52P16	GED27-10-5S8
							1821M52P17	GED27-10-5S9
							1821M52P18	GED27-10-5SY
							1821M52P19	GED27-12-3SN
							1821M52P20	GED27-12-3S6
							1821M52P21	GED27-12-3S7
							1821M52P22	GED27-12-3S8
							1821M52P23	GED27-12-3S9
.120	.750-20 UNEF-2A	.729	.8750-20 UNEF-2B	.832	1.090	21	1821M52P24	GED27-12-3SY
							1821M52P25	GED27-12-12SN
							1821M52P26	GED27-12-12S6
							1821M52P27	GED27-12-12S7
							1821M52P28	GED27-12-12S8
							1821M52P29	GED27-12-12S9
							1821M52P30	GED27-12-12SY
							1821M52P31	GED27-14-7SN
							1821M52P32	GED27-14-7S6
							1821M52P33	GED27-14-7S7
							1821M52P34	GED27-14-7S8
							1821M52P35	GED27-14-7S9
.145	.875-20 UNEF-2A	.847	.9375-20 UNEF-2B	.898	1.203	24	1821M52P36	GED27-14-7SY
							1821M52P37	GED27-14-15SN
							1821M52P38	GED27-14-15S6
							1821M52P39	GED27-14-15S7
							1821M52P40	GED27-14-15S8
							1821M52P41	GED27-14-15S9
							1821M52P42	GED27-14-15SY
							1821M52P43	GED27-16-10SN
							1821M52P44	GED27-16-10S6
							1821M52P45	GED27-16-10S7
							1821M52P46	GED27-16-10S8
							1821M52P47	GED27-16-10S9
.170	1.000-20 UNEF-2A	.972	1.0625-18 UNEF-2B	1.019	1.326	30	1821M52P48	GED27-16-10SY
							1821M52P49	GED27-16-24SN
							1821M52P50	GED27-16-24S6
							1821M52P51	GED27-16-24S7
							1821M52P52	GED27-16-24S8
							1821M52P53	GED27-16-24S9
							1821M52P54	GED27-16-24SY
							1821M52P55	GED27-18-31SN
							1821M52P56	GED27-18-31S6
							1821M52P57	GED27-18-31S7
							1821M52P58	GED27-18-31S8
							1821M52P59	GED27-18-31S9
.190	1.0625-18 UNEF-2A	1.031	1.1875-18 UNEF-2B	1.140	1.432	33	1821M52P60	GED27-18-31SY
							1821M52P61	GED27-20-41SN
							1821M52P62	GED27-20-41S6
							1821M52P63	GED27-20-41S7
							1821M52P64	GED27-20-41S8
							1821M52P65	GED27-20-41S9
							1821M52P66	GED27-20-41SY
							1821M52P67	GED27-22-19SN
							1821M52P68	GED27-22-19S6
							1821M52P69	GED27-22-19S7
							1821M52P70	GED27-22-19S8
							1821M52P71	GED27-22-19S9
.236	1.1875-18 UNEF-2A	1.156	1.3125-18 UNEF-2B	1.265	1.545	36	1821M52P72	GED27-22-19SY
							1821M52P73	GED27-22-55SN
							1821M52P74	GED27-22-55S6
							1821M52P75	GED27-22-55S7
							1821M52P76	GED27-22-55S8
							1821M52P77	GED27-22-55S9
							1821M52P78	GED27-22-55SY
							1821M52P79	GED27-24-61SN
							1821M52P80	GED27-24-61S6
							1821M52P81	GED27-24-61S7
							1821M52P82	GED27-24-61S8
							1821M52P83	GED27-24-61S9
.258	1.3125-18 UNEF-2A	1.281	1.4375-18 UNEF-2B	1.390	1.682	39	1821M52P84	GED27-24-61SY
.265	1.4375-18 UNEF-2A	1.405	1.5625-18 UNEF-2B	1.543	1.805	42		

A GED27-***-***S*

REV	DESCRIPTION	DATE	APPROVED
N/C	NEW RELEASE PER E.O. 13600	10/20/94	J.P.
A	REVISED PER E.O. 1340	1-30-95	J



CONNECTOR MARKING (SAMPLE)
GED27-22-55SN DEUTSCH 11139 9319A
DATE CODE
CAGE CODE
OR SYMBOL
DEUTSCH PART NUMBER

07482SOCN1821M52P73
GE PART NUMBER

- CONNECTOR SIZE, KEYWAY POSITION AND INSERT ARR. PER MIL-C-83723/95 SERIES III CL-G TYPE T.
- GROUNDING SPRING MUST BE FIELD REPLACEABLE. SIZE 8 & 10 ARE IRIS SPRING ALL OTHER SIZES ARE LEAF SPRING DESIGN.
- PLASTIC PROTECTIVE DUST CAPS ARE TO BE ASSEMBLED EXTERNALLY OVER THE FRONT OF THE COUPLING RING.
- SHELL MATERIAL: STAINLESS STEEL PER AMS 5640. SHELL FINISH: ELLECTRODEPOSITED NICKEL IN ACCORDANCE WITH QQ-N-290 CLASS 2 .0001-.0002 INCHES THICK. COUPLING RING PASSIVATED.
- CONTACTS SUPPLIED SHALL BE PER 5122T06 (GE NUMBER) (8062-201-***31 DEUTSCH NUMBER).
- ALL CONTACTS PLUS GROMMET SEALING PLUGS SHALL BE SUPPLIED WITH EACH CONNECTOR AND ONE INSERTION/REMOVAL TOOL SHALL BE SUPPLIED WITH EACH CONNECTOR UNLESS OTHERWISE SPECIFIED BY THE PROCURING ACTIVITY.

TORQUE REQUIRED TO ROTATE COUPLING RING OF PLUG IN EITHER DIRECTION WHEN UNMATED SHALL FALL WITHIN LIMITS GIVEN IN TABLE EXCEPT TORQUE VALUES IN THE COUPLING DIRECTION MAY BE 0.10 LB-IN MIN. TORQUE VALUES USED SHALL BE THE AVERAGE OF DETENT VALUES IN ONE REVOLUTION OF THE COUPLING RING FOLLOWING 2 REVOLUTIONS IN THE UNCOUPLING DIRECTION. THIS REQUIREMENT CAN BE MET BY MEASURING EVERY FOURTH DETENT.

SHELL SIZE	FREE STATE TORQUE LB-IN
8	0.50-2.00
10	0.90-2.70
12	1.20-3.50
14	1.50-4.50
16	1.50-4.50
18	1.80-4.50
20	1.80-4.50
22	2.00-5.00
24	2.00-5.00

SIGNATURE & DATE	
DR	TH HOLT 10/27/94
CHK	JO POWELL 10/28/94
FE	TH HOLT 10/27/94
APPD	
SCALE	NONE
WT	

CONNECTOR PLUG
NON-DECOUPLING
NICKEL PLATED WITH GROUNDING SPRING
AND SAWTEETH
FOR GEAE
ENVELOPE

CP	DEUTSCH ENGINEERED CONNECTING DEVICES 30433 Whittier Ave. Hawthorne, California
C	GED27-***-***S*
DATE	10/20/94
SHEET	1 OF 1