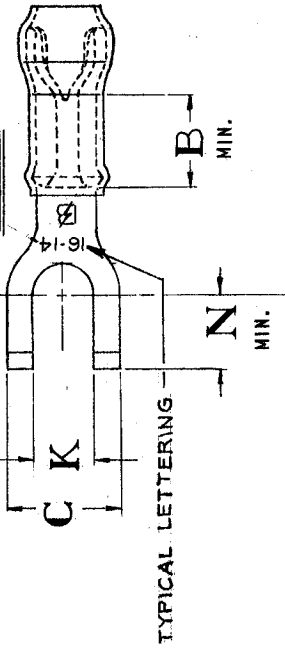
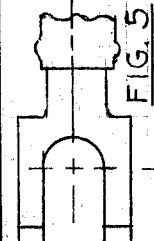


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TYPICAL LETTERING

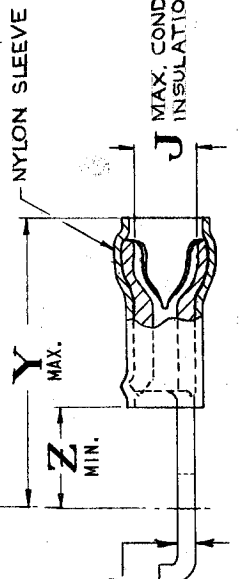


FIG. 2

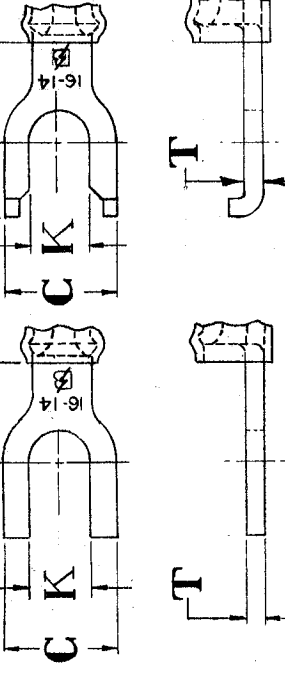


FIG. 3

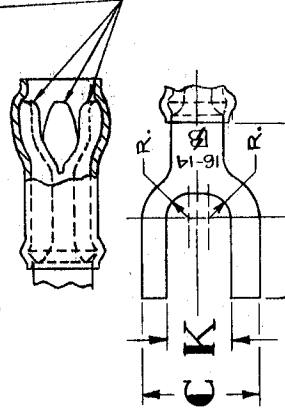


FIG. 4

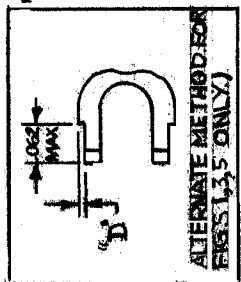


FIG. 1

ALTERNATE METHOD FOR FIGS. 1, 3, 5 ONLY

3 PRONG INSULATION GRIP ON YAE18 & YAE22 SIZE ONLY. ALL OTHER SIZES HAVE 4 (FOUR) PRONGS.

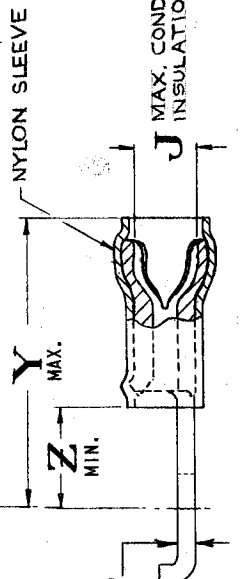
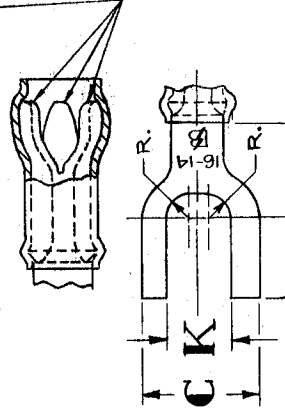


FIG. 2

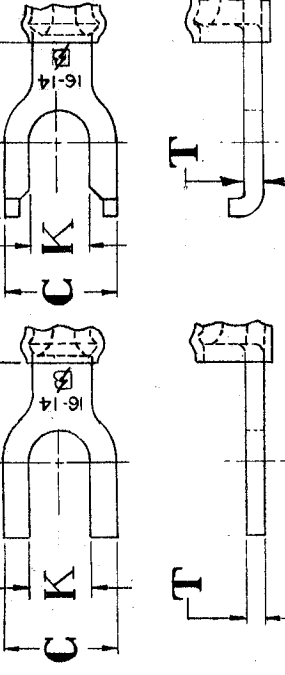


FIG. 3

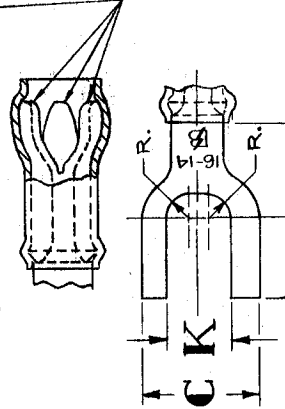


FIG. 4

ALTERNATE METHOD FOR FIGS. 1, 3, 5 ONLY

MATERIAL:

INSULATION: NYLON
TERMINAL: COPPER

FINISH:

- 1) TERMINAL: ELECTRO TIN PLATE-STANDARD
- 2) TERMINALS WITH CATALOG NUMBER SUFFIX "DU4" TO BE GOLD PLATED OVER NICKEL PER BURNDY F4350, TYPE DU4. (REFERENCE: GOLD PLATING PER MIL-G-45204, TYPE 1, GRADE C AND NICKEL PLATING PER QQ-N-290, CLASS 2, GRADE E. MINIMUM THICKNESS TO BE 50 MICROINCHES MINIMUM OF GOLD OVER 150 MICROINCHES MINIMUM OF NICKEL.

REFERENCE:

- FD56533 - YAE18---F
- FD56319 - YAE18-Z--
- FD56318 - YAE14-N--F
- FD56535 - YAE14-Z--
- FD56531 - YAE12-Z--
- FD56414 - YAE22-Z--
- FD52884 - YAE10G63
- FD60637 - YAE22-N--

WIRE MIL-N-5086 AND STR. COM'L.	STUD SIZE	CATALOG NO.	FIG. NO.	B MIN.	C DIM. TOL.	J MAX. COND. INS. DIA.	Y MAX.	K DIM. TOL.	N MIN.	T DIM. TOL.	D MAX.	Z MIN.	NYLON SLEEVE COLOR
AN20-AN26	2	YAE22-Z1	1		.163		.626	.101	.112		.007	.205	
	4, 5, 6	YAE22-Z2	1		.281		.666	.147	.146			.236	
	6, 7, 8	YAE22-Z3	1	.125	.312	.105	.697	.173	.202	.025	.015	.275	AMBER
	8, 9, 10	YAE22-Z4	1		.359		.746	.198	.232			.322	
	4, 5, 6	YAE22N52F	2		.281		.666	.147	.094		.010	.236	
	4	YAE22-Z7	5		.180		.579	.119	.138			.203	
AN22 - AN16	2	YAE18-Z1	1		.178		.701	.101	.112		.007	.205	
	4	YAE18-N60F	2		.211		.731	.116	.189			.238	
	4, 5, 6	YAE18-N43F	2		.250		.677	.147	.093			.183	
	4, 5, 6	YAE18-N56F	2		.281		.706	.147	.114			.205	
	4, 5, 6	YAE18-Z2	3		.281		.741	.147	.140		.015	.236	
	6, 7	YAE18-N61F	2	.156	.274	.125	.757	.165	.163	.032		.261	RED
	6, 7, 8	YAE18-Z3	1		.312		.771	.173	.202		.015	.275	
	6, 7, 8	YAE18-N57F	2		.312		.771	.173	.175			.277	
	8, 9, 10	YAE18-N58F	2		.359		.822	.198	.188			.325	
	8, 9, 10	YAE18-Z4	1		.359		.822	.198	.237		.015	.322	
	5M/M	YAE18-Z5	1		.359		.825	.207	.234			.331	
	2	YAE18-N55F	2		.178		.707	.101	.080			.213	
AN20-AN26	2	YAE22-N65F	4		.163		.631	.094	.088			.225	AMBER
	4, 5, 6	YAE22-N66F	4	.109	.281	.105	.671	.147	.122	.025		.265	
	6, 7, 8	YAE22-N67F	2		.312		.705	.173	.184			.304	
	8, 9, 10	YAE22-N68F	2		.359		.754	.198	.221			.365	
	4, 5, 6	YAE22-N70F	4		.250		.671	.147	.122			.265	

FSCM NO. 09922

INSULUG

CONTROL NO. YAE-Z-N-G (SEE TABLE)

DATE: 10/19/91

BY: KH

REVISION DESCRIPTION: ADDED "STD" TO NOTE 1

ADDED NOTE 2 PER PCN 559

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4

3

2

1

WIRE MIL-W-5086 AND STD. COM'L.	STUD SIZE	CATALOG NO.	FIG. NO.	B MIN.	C		J MAX. COND. INS. DIA.	Y MAX.	K		N MIN.	T		D MAX.	Z MIN.	NYLON SLEEVE COLOR
					DIM.	TOL.			DIM.	TOL.		DIM.	TOL.			
AN16 - AN14	2	YAE14-Z1	1		.178			.701	.101		.112			.007	.205	
	4, 5, 6	YAE14-Z2	3		.281		.156	.741	.147		.146			.015	.247	
	4, 5, 6	YAE14-N76F	2		.281			.741	.147		.114				.253	
	4, 5, 6	YAE14-Z8	3	.156	.281	± .020	.175	.741	.147	± .005	.146	.032	± .003	.015	.247	BLUE
	4, 5, 6	YAE14-N71F	2		.281			.741	.147		.179				.253	
	6, 7, 8	YAE14-Z3	1		.312			.771	.173		.202				.290	
	8, 9, 10	YAE14-Z4	1		.359			.822	.198		.237			.015	.331	
	5M-M	YAE14-Z5	1		.359		.156	.825	.207		.234				.331	
	8, 9, 10	YAE14-N78F	2		.359			.789	.198		.205				.298	
	6, 7, 8	YAE14-N77F	2		.312			.771	.173		.170				.290	
AN14 - AN12	4, 5, 6	YAE12-Z2	3		.281			.879	.147		.146				.217	
	6, 7, 8	YAE12-Z3	1	.250	.312	± .020	.180	.933	.173	± .005	.202	.036	± .003	.015	.294	GREEN
	8, 9, 10	YAE12-Z4	1		.359			.970	.198		.238				.344	
AN12-AN10	8, 9, 10	YAE10-G63	2	.297	.310	± .015	.209	.960	.198	± .005	.175	.040	± .003		.281	YELLOW

ALL REVISIONS CONTINUED ON SHEET ONE

REV.	DATE	REVISION DESCRIPTION	BY	CHK'D.
13	7-22-64	REDRAWN AND REVISED PER D04040	R.T.	TRK
14	10-13-64	ADD .0175 J MAX DIA TO YAE14-Z3 SEE REV REF PRINT.	R.T.	J.C.R.
15	1-8-65	ADDED YAE14-N78F SEE REV REF. PRINT (EC30773)	R.T.	S.F.P.
16	4-29-65	ADDED YAE10-G63 SEE REV REF PRINT (EC31520)	R.T.	F.G.M.
17	5/6/65	ADDED YAE14-N77F SEE REV REF PRINT (EC31569)	TRK	F.G.M.
18	6-30-65	CHG AFFECTS SHT 1 (EC31811)	R.T.	TRK
19	8-16-65	CHG. AFFECTS SHT 1 (EC32047)	TRK	TRK
20	1-16-66	CHG. AFFECTS SHT 1 (EC34233)	KP	F.G.M.
21	8-18-67	CHANGE AFFECTS SHT 1 (D04074)	TRK	F.G.M.
22	12-22-67	ADDED COLUMN "D" (EC35401)	RM	S.F.P.
23	7-10-69	CHANGE AFFECTS SHT 1 (EC3597)	J.R.H.	J.P.S.
24	12-23-69	CHANGE AFFECTS SHT 1 (D.O. T.110)	TRK	TRK
25	2-10-71	J MAX. COND. INS. DIA. WAS .J	ESK	TRK
26	7-25-72	MAX. INSULATION DIA. (EC1218)	TRK	TRK
27	9-13-73	CHG. AFFECTS SHT 1 (EC1455)	TRK	TRK
28	8-21-74	CHG. AFFECTS SHT 1 (EC1595)	TRK	TRK
29	8-21-74	CHG. AFFECTS SHT 1 (DC8360)	TRK	TRK

SD30947

FSCM No 09922

INSULUG

CAT. NO. YAE - Z, N, G (SEE TABLE)	ECU
DRAWN BY TOM 7-22-64	CHECKED TRK 8-1-64
BURNDY Engineering	
DES. APPROV. YAE 3-7-64	
PROD. APPROV. YAE 3-7-64	
DRAWING NO.	
SD30947	
SHEET 2 OF 2	
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