

AS31481

FEDERAL SUPPLY CLASS
5935

NOTICE

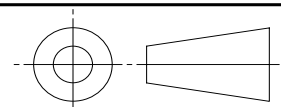
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THIRD ANGLE PROJECTION



CUSTODIAN: SAE AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-81703

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

CONNECTOR, PLUG, ELECTRIC,
CRIMP TYPE, LANYARD, PUSH-PULL COUPLING,
SERIES 2 (CLASS E AND J)

AS31481
SHEET 1 OF 3

ISSUED 2004-06

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CONNECTOR, PLUG, ELECTRIC,
CRIMP TYPE, LANYARD, PUSH-PULL COUPLING,
SERIES 2 (CLASS E AND J)

EXPOSITIONS ON ACTIVE
UNLESS OTHERWISE SPECIFIED, TOLERANCE: DIMENSIONS IN INCHES
ANGULAR TOLERANCE: $\pm 0.2^\circ$

12072

COUPLING RODS AND BALLS ARE SHOWN IN THE ENLARGED POSITION FOR CLARITY THIS POSITION SHALL ONLY BE POSSIBLE WHEN ENLARGED TO THE RECIPIENT.

THE NORMAL DISBURSED POSITION THE FOLLOWING IS TRUE

9. THE DAILY ARE RELEASED WHEN "E" WITH COMMA "E".

EXAMPLE OF PART NO.

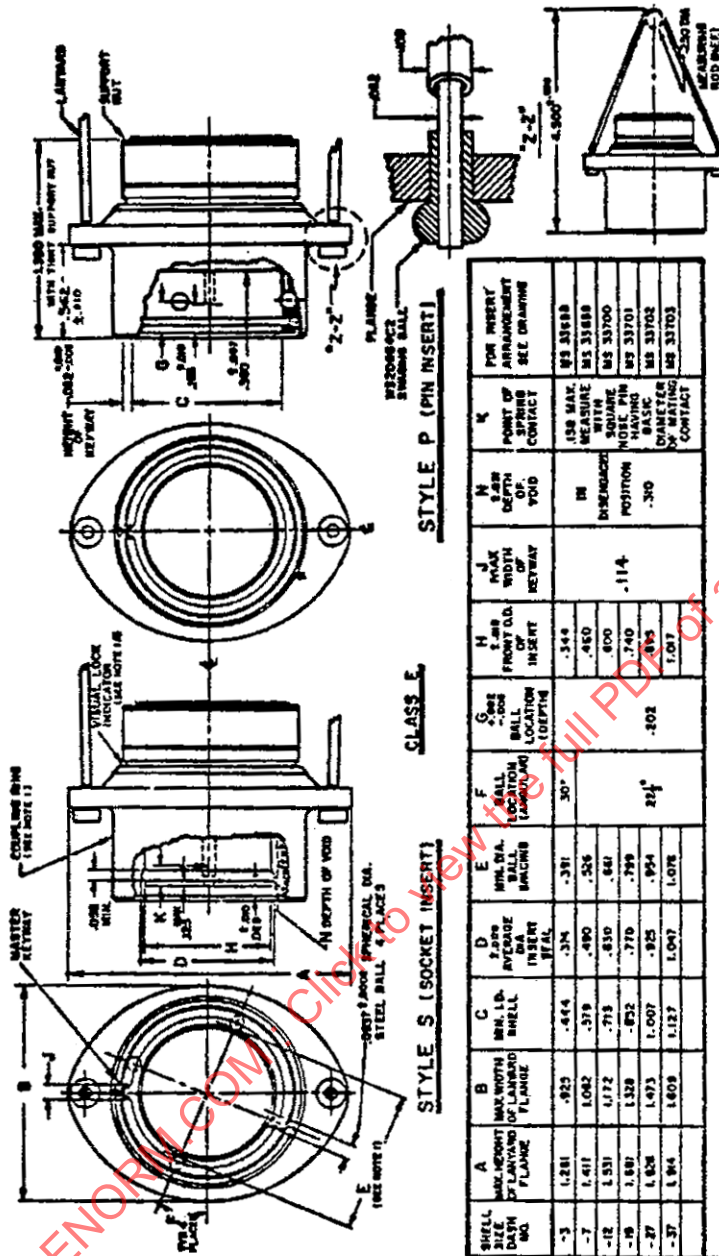
大正6年 1月

EXAMPLE OF WIRE NO.

7 7 7 7 7 7 7 7

CONTACT INSERT POSITION
ALTERNATE INSERT POSITION
CONTACT STYLE
BENT APPROPRIEMENT
SITE
CLASS
FOR MOUNTING

LAWYARD DETAIL



SHELL DATE BATCH NO.	A MAX HEIGHT OF LANYARD FLANGE	B MAX WIDTH OF LANYARD FLANGE	C MIN. I.D. OF LANYARD SHELL	D SHELL AVERAGE INSET TOTAL	E MIN. DIA. OF BALL SHELLS	F BALL LOCATION (LAMBDA)	G BALL LOCATION (HEIGHT)	H SHELL FRONT O.D. INSET	J MAX WIDTH OF SHELL INSET	K MAX DEPTH OF SHELL VOID	L POINT OF CONTACT	M FOR INSERT ANALYSIS SEE DRAWING
-3	1.281	.823	.444	.394	.391	30°		.344			158 MAX. MEASURE WITH SHELL HAVING NO. 33701	83 33588
-7	1.411	1.042	.379	.480	.526			.450		IN DISMANTLED POSITION	158 MAX. MEASURE WITH SHELL HAVING NO. 33700	83 33588
-12	1.531	1.172	.715	.830	.641			.600			158 MAX. MEASURE WITH SHELL HAVING NO. 33701	83 33700
-18	1.680	1.328	.832	.770	.799			.740			158 MAX. MEASURE WITH SHELL HAVING NO. 33701	83 33701
-27	1.826	1.493	1.007	.825	.924	22 1/2°	.802	.895		.390	158 MAX. MEASURE WITH SHELL HAVING NO. 33702	83 33702
-37	1.964	1.609	1.127	1.047	1.078			1.057			158 MAX. MEASURE WITH SHELL HAVING NO. 33703	83 33703