

AS34671

FEDERAL SUPPLY CLASS
5935

NOTICE

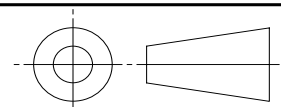
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THIRD ANGLE PROJECTION



CUSTODIAN: SAE AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-81703

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

CONNECTOR, PLUG, ELECTRIC,
CRIMP TYPE, PUSH-PULL COUPLING,
SERIES 3 (CLASS L AND E)

AS34671
SHEET 1 OF 4

ISSUED 2004-06

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Technical drawing of a coupling indicator assembly, showing a side view and a top view (View LL).

Side View Dimensions and Features:

- Color Band (Blue):** 1.300 MAX
- Coupling Indicator Groove (Blue):** .190 MAX, .130 MAX, .070 MAX, .045 R MAX
- Connector Identification:** .550 MAX
- Polarizing Groove (Blue):** .061 TYP, .046 MIN, .290 FULL THD
- Insert O.D.:** .218, .185, .144, .104
- Grommet Max:** .101 DIA SPHER BALL, .091 (4 PLCS)
- Teeth:** 3 TEETH EQUALLY SPACED 120°0' ± 0° 30' APART
- Holes:** 2 HOLES, 2 PLACES 180° APART, PERIPHERAL LOCATION TO SUIT
- Other Dimensions:** .350 MIN, .195, .155, .036 DIA (LANYARD HOLES), .026

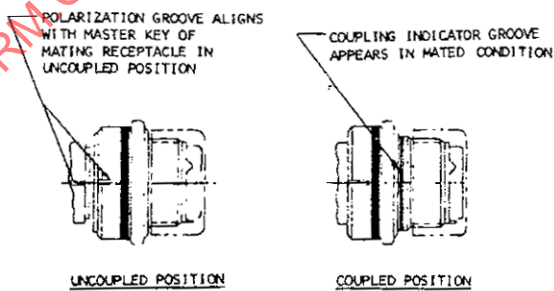
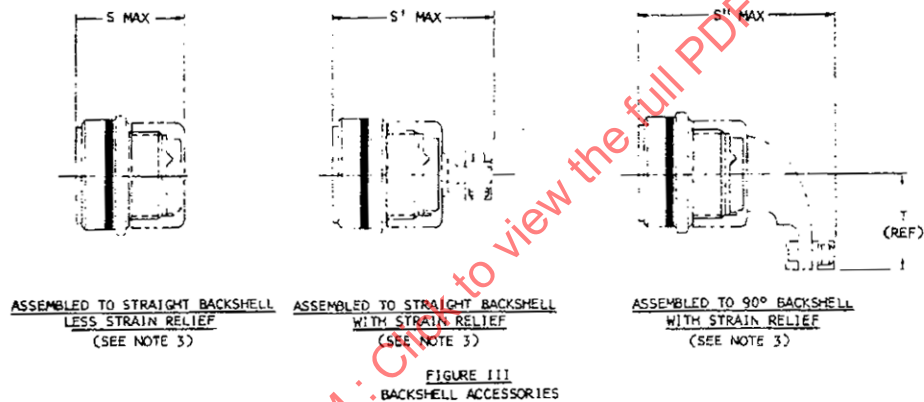
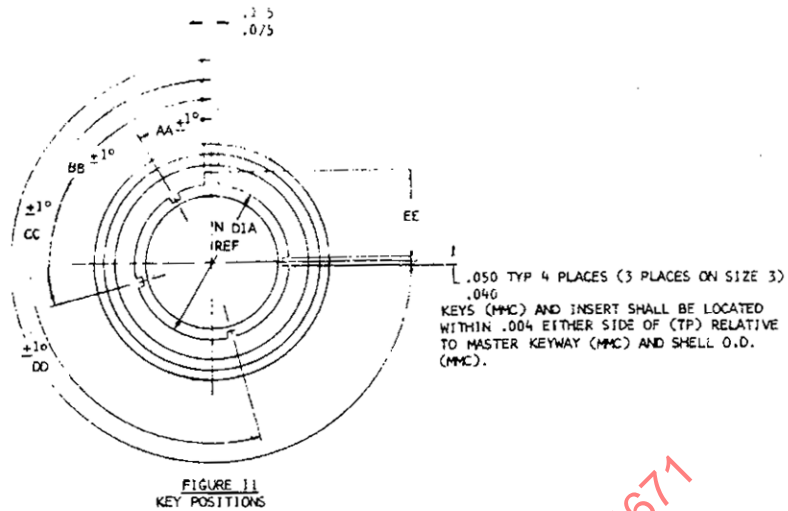
Top View (View LL) Dimensions and Features:

- Teeth:** 3 TEETH EQUALLY SPACED 120°0' ± 0° 30' APART
- Holes:** 2 HOLES, 2 PLACES 180° APART, PERIPHERAL LOCATION TO SUIT
- Other Dimensions:** ± 1°, 50°, .110, .090, ± 5°, 90° (TYP), L, L

Technical drawing of a shaft assembly with a resilient insert face seal. The drawing shows a shaft with various diameters and a cross-section of the seal assembly. Dimensions include diameters of .112, .106, .090, .084, .144, .138, .204, .198, .037, .027, .233, and .189. Angles of 11° 30' and 7° 30' are indicated. A note refers to 'NOTE 7'.

WON OUTER ROW CONTACTS
OF INSERT ARRANGEMENTS
INDICATED IN CHART.

INSERT ARRANGEMENTS REQUIRING REDUCED DIAMETERS FOR SOCKET CONTACT CHAMFER LEAD-INS AND PIN CONTACT RAISED SEAL BARRIERS.		
SHELL SIZE	INSERT ARRANGEMENTS	CONTACT CAVITIES
12	12-50	5, 6, 8, 9, 11 AND 12

FIGURE 1V
COUPLING DETAILS