

AS31461

FEDERAL SUPPLY CLASS
5935

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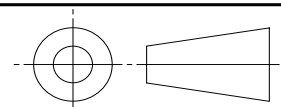
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THIRD ANGLE PROJECTION



CUSTODIAN: SAE AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-81703

SAE Aerospace
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AEROSPACE STANDARD

CONNECTOR, RECEPTACLE, ELECTRIC, HERMETIC,
CRIMP TYPE, SOLDER MOUNTING, PUSH-PULL
COUPLING, SERIES 3 (CLASS N)

AS31461
SHEET 1 OF 4

ISSUED 2004-06

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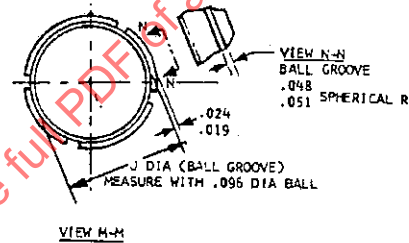
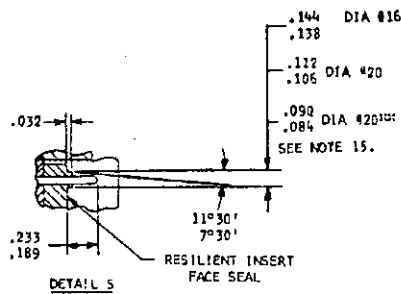
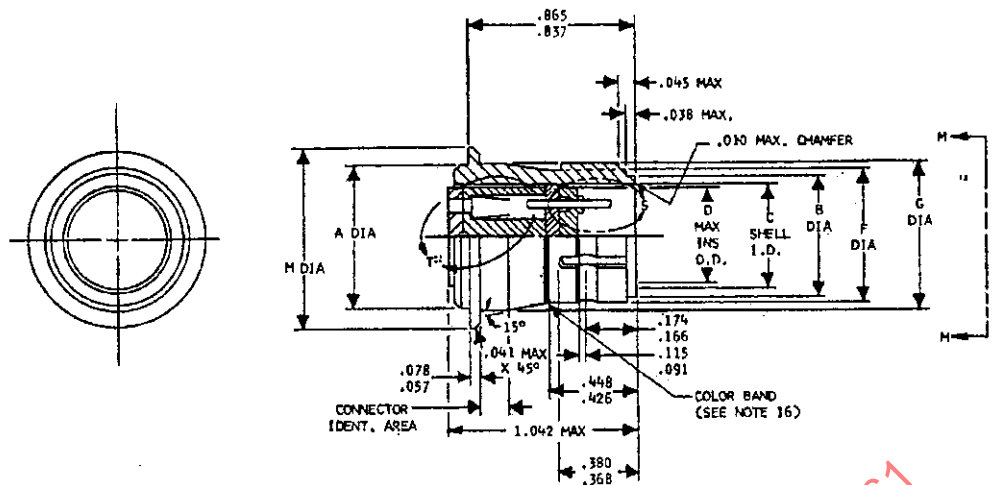
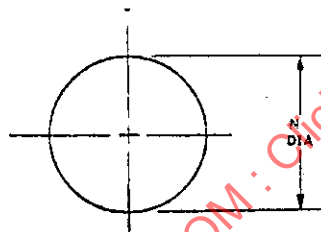
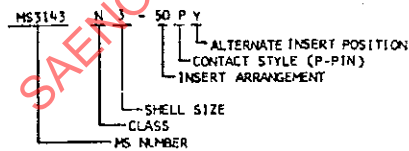


FIGURE 1
CONNECTOR VIEW



PART NUMBER EXAMPLE:



SEE SHEET 2 FOR
DETAIL T

ON OUTER ROW CONTACTS
OF INSERT ARRANGEMENTS
INDICATED IN CHART.

INSERT ARRANGEMENTS REQUIRING REDUCED DIAMETERS FOR PIN CONTACT RAISED SEAL BARRIERS		
SHELL SIZE	INSERT ARRANGEMENTS	CONTACT CAVITIES
12	12-50	5, 6, 8, 9, 11 & 12

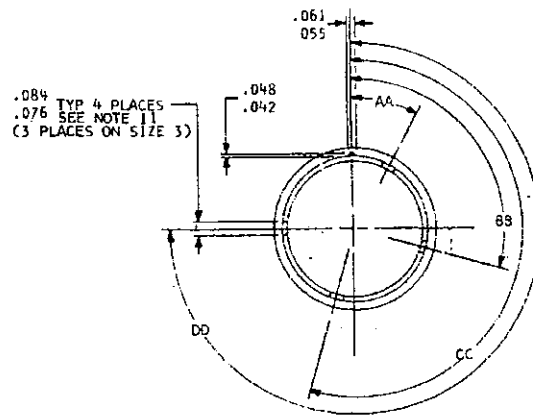
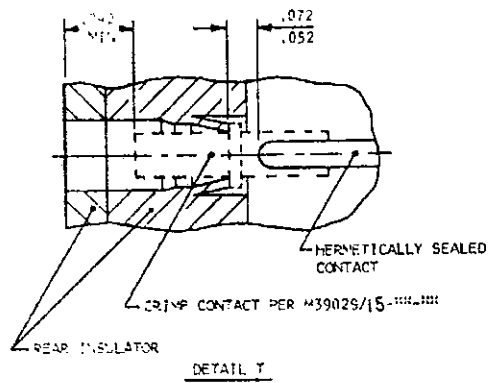


FIGURE 11
KEYWAY POSITIONS

ENGAGING ENDS OF CONTACTS

ENGAGING END APPROXIMATELY
SPHERICAL WITH:
.011 MAX. FLAT FOR SIZE 20
.020 $\pm$.005 FLAT FOR SIZE 16

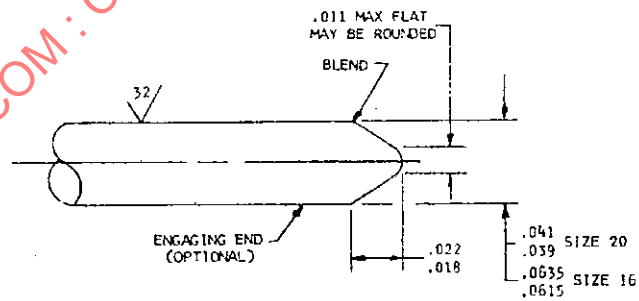
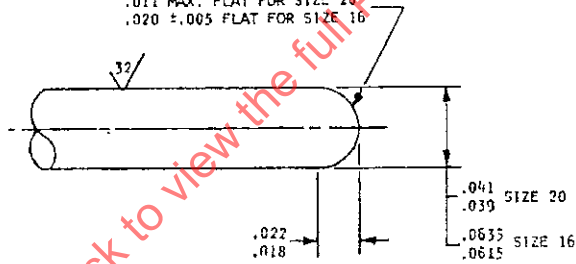


FIGURE 11I
CONTACT DETAILS