

FED SUP CLASS
5935

① USER ACTIVITIES NAVY-MC

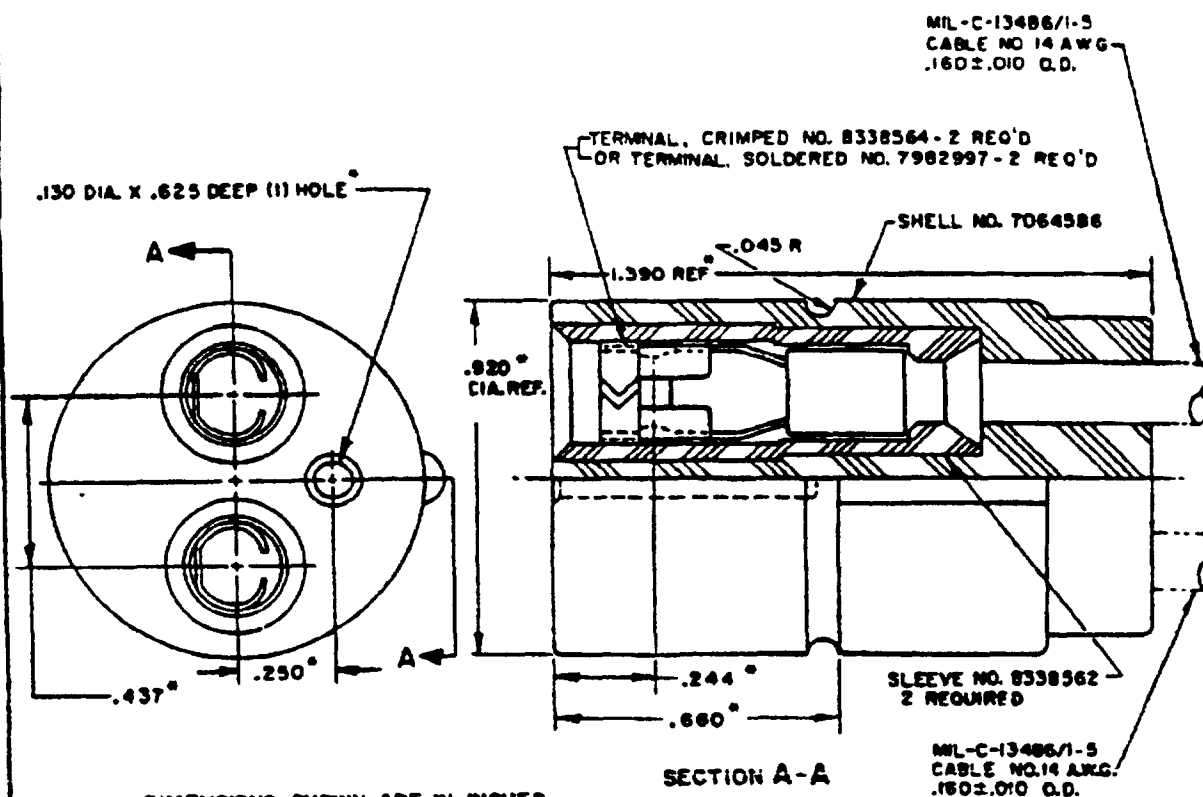
① REVERSED ACTIVITIES ARMY-M, ME

DLA-ES

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AMSC N/A

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(R) DENOTES CHANGE

ARMY-AT
Other Govt
① NAVY

INTERNATIONAL
INTEREST
STANAG
4040

TITLE
CONNECTOR, PLUG, ELECTRICAL:
NO. 14 AWG. DOUBLE CONTACT,
WATERPROOF

PROCUREMENT SPECIFICATION
NONE

SUPERSEDES

MS PART NUMBER	ENGINEERING PARTS LIST
MS 27145-1	8589045

MILITARY STANDARD

MS 27145

SHEET 1 OF 3

DD FORM 672-1 (COORDINATED)

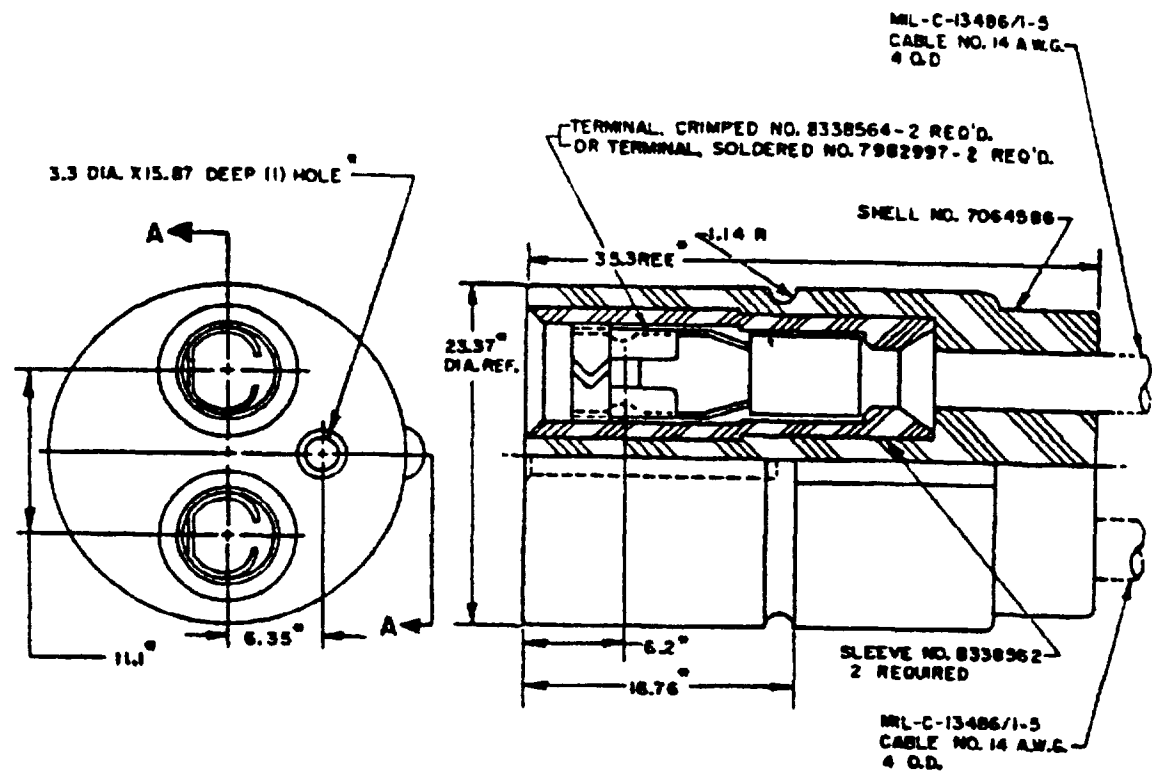
5935-3655-07

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USER ACTIVITIES

RENDER ACTIVITIES

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DIMENSIONS SHOWN ARE IN MILLIMETERS

SECTION A-A

P. A. ARMY-AT Other Code ① NAVY	INTERNATIONAL INTEREST STANAG 4040	TITLE CONNECTOR, PLUG, ELECTRICAL : NO 14 A.W.G. DOUBLE CONTACT, WATERPROOF
PROCUREMENT SPECIFICATION NONE	SUPERSEDES	

MS PART NUMBER	ENGINEERING PARTS LIST
MS 27145-1	8689045

MILITARY STANDARD

MS 27145

SHEET 2 OF 3

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 11 MAY 1961 REVISED ① For changes see pages 1, 2 and 3

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USER ACTIVITIES

PREVIEW ACTIVITIES

NOTES

- 1 MATERIAL
SHELL RUBBER-GRADE SC 615 A1 C1 E3 F2, ASTM-D-2000
TERMINAL BRASS-COMPOSITION 11 OR 22, TEMPER HALFHARD MINIMUM, QQ-B-626
- 2 PROTECTIVE FINISH
TERMINAL SILVER PLATE, TYPE 11, GRADE A, .0002 MIN THICKNESS, QQ-S-365
- 3 FOR MATING CONNECTOR SEE MS27146
- 4 WHEN CONNECTORS ARE COUPLED, VOLTAGE DROP SHALL NOT EXCEED 20 MILLIVOLTS WHEN TESTED IN A 28 VOLT CIRCUIT AS OUTLINED IN MIL-STD-202, METHOD 307
- 5 WHEN CONNECTORS ARE COUPLED, THE ASSEMBLY SHALL MEET THE 1000 VOLT DIELECTRIC STRENGTH TEST REQUIREMENTS OUTLINED IN MIL-STD-202, METHOD 302
- 6 WHEN CONNECTORS ARE COUPLED, THE ASSEMBLY SHALL MEET THE REQUIREMENTS FOR WATERPROOFNESS OUTLINED IN MIL-STD-202, METHOD 107.
- 7 WHEN CONNECTORS ARE COUPLED, THE ASSEMBLY SHALL MEET THE REQUIREMENTS OF SALT SPRAY CORROSION TEST OUTLINED IN MIL-STD-202, METHOD 101 (5% SALINE AT 200 HRS)
- 8 TERMINAL NUMBER A330564 TO BE CRIMPED TO CABLE, TERMINAL NUMBER 7982997 TO BE SOLDERED TO CABLE WITH SOLDER COMPOSITION SN-50 OR SN-60, QQ-S-571 AS OUTLINED IN DOD-STD-1066 ASSEMBLY MUST WITHSTAND A PULL TEST OF 60 POUNDS (27 KILOGRAMS)
- 9 FORCE REQUIRED TO UNCOUPLED CONNECTORS SHALL NOT EXCEED 50% OF VALUES EXPRESSED IN NOTE 8 WHEN AT EITHER TEMPERATURE EXTREME OF TABLE D, MIL-STD-202, METHOD 107
- 10 DETAILS OF THIS ASSEMBLY SHALL BE IN ACCORDANCE WITH ENGINEERING PARTS LIST, WHICH MAY BE OBTAINED FROM U.S. ARMY TANK AUTOMOTIVE COMMAND, WARREN, MICHIGAN 48397-5000.
- 11 RECYCLED, VIRGIN AND RECLAIMED MATERIALS THERE ARE NO REQUIREMENTS FOR THE EXCLUSIVE USE OF VIRGIN MATERIALS, HOWEVER, ALL MATERIALS SHALL BE NEW AND UNUSED THE USE OF RECYCLED OR RECLAIMED (RECOVERED) MATERIALS IS ACCEPTABLE PROVIDED THAT ALL OTHER REQUIREMENTS OF THIS STANDARD ARE MET

CERTAIN PROVISIONS OF THIS STANDARD (IDENTIFIED BY *) ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT NATO STANAG 4040 WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL EFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED

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