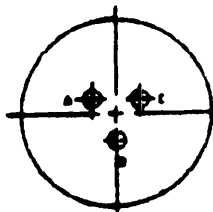
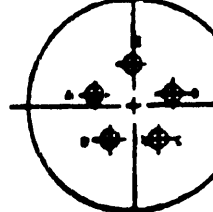
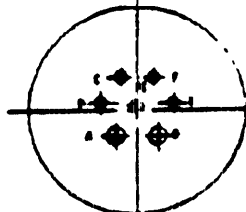
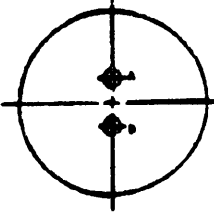


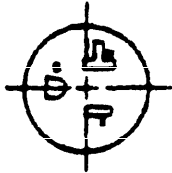
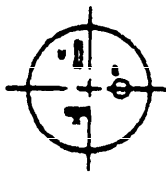
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<p>RECEPTACLE RE3100A10-100</p>  <p>115 V AC 50/60 Hz SINGLE PHASE TYPE 1000</p> <p>SEE FIG. 1000-100 WITH RE3100-100 CABLE CLAMP</p>		<p>RECEPTACLE RE3100A10-100</p>  <p>115 V AC 50/60 Hz SINGLE PHASE TYPE 1000</p> <p>SEE FIG. 1000-100 WITH RE3100-100 CABLE CLAMP</p>																																																																																																																																																																																																																																																																																																																																																																																																																					
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<p>ELECTRONIC TEST EQUIPMENT POWER RECEPTACLE 25 V DC ± 500 mV AC, 50 AMP MAX. RE3100A10-100 OR RE3100A10-101 FOR WIRING SEE RE3100-100</p>  <p>SEE FIG. 1000-100 WITH RE3100-100 CABLE CLAMP</p>		<p>RECEPTACLE RE3100A10-100</p>  <p>25 V DC ± 500 mV AC SEE FIG. 1000-100 WITH RE3100-100 CABLE CLAMP</p> <p>NEGATIVE WHITE POSITIVE BLACK</p>																																																																																																																																																																																																																																																																																																																																																																																																																					
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<p>DD FORM 672-1 (Rev. 10-66)</p>		<p>Project 5935-F320</p>																																																																																																																																																																																																																																																																																																																																																																																																																					

APPROVED 19 JULY 1970 RETIRED Ⓐ 25 Sep 87

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MIL-STD-27609
MSRECEPTACLE - STYLE 1,
SPEC W-C-200MATING PLUG - STYLE 1,
SPEC W-C-200

111.7 KC. OF 20 AMP. POWER SHALL BE SUPPLIED.
WIRE SHALL BE WIRE 1-20 OR 1-25 (175-15)

WIRE COLOR CODES FOR 20 AMP		
RECEPTACLE	TERMINAL	PLUG
WHITE-LEFT HAND	1	WHITE-LEFT HAND
WHITE-RIGHT HAND	2	WHITE-RIGHT HAND
BLACK-LEFT HAND	3	BLACK-LEFT HAND
BLACK-RIGHT HAND	4	BLACK-RIGHT HAND
YELLOW-LEFT HAND	5	YELLOW-LEFT HAND
YELLOW-RIGHT HAND	6	YELLOW-RIGHT HAND

RECEPTACLE SHALL BE
IN ACCORDANCE WITH
NATIONAL ELECTRICAL CODE

PLUG SHALL BE IN ACCORDANCE
WITH NATIONAL ELECTRICAL
MANUFACTURERS ASSOCIATION AND
NATIONAL STANDARD
INSTITUTE

NOTES:

- FOR GROUND USE AS PRIMARY POWER INPUT TO PORTABLE POWER TOOLS, SHOP, OFFICE AND TEST EQUIPMENT.
- NOT FOR USE WITH INSTALLED EQUIPMENT. FOR AIRCRAFT INSTALLATION COMPLY WITH MIL-E-7000 OR MIL-W-8000. FOR GROUND INSTALLATION COMPLY WITH NATIONAL ELECTRIC CODE.
- SAFETY REQUIREMENTS - ALL SAFETY GROUND CONDUCTORS SHALL BE DISCONNECT CAPABLE AND SHALL BE CONNECTED AS FOLLOWS:
 - RECEPTABLES - THROUGH THE OVERHEAD TERMINAL TO AN EARTH GROUND.
 - PLUGS - POWER CABLES - THROUGH THE OVERHEAD TERMINAL AND ATTACHED TO THE EQUIPMENT FRAME.
- POWER CABLES SHALL NOT EXCEED 5 FEET IN LENGTH AND SHALL CONFORM TO -
 - POWER USE, CLASS 60, MIL-C-3400 OR COMMERCIAL TYPE 60.
 - OVERHEAD USE, CLASS 60, MIL-C-3400 OR COMMERCIAL TYPE 60.
- WIRE SIZE OF POWER CABLES SHALL BE AS FOLLOWS: #12 UP TO 20 AMP LOADS; #10 UP TO 30 AMP LOADS.
- ALTERNATE PLUG FOR W/1311 - WHEN APPROVED BY THE PRESCRIBING ACTIVITY, A PLUG CONFORMING TO STYLE 2, W-C-200 MAY BE A REPLACEABLE SELF RESTORING OVERCURRENT BLADE MAY BE USED.
- THIS IS A DESIGN STANDARD NOT TO BE USED AS A PART NUMBER.
- FOR DESIGN PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PRECEDENT DOCUMENTS SPECIFIED HEREIN.
- REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF NOTIFICATION FOR DADS.
- PLUGS AND CORDS AND RECEPTABLES FOR 20 AMP SERVICE SHALL BE EQUIPPED WITH GROUND GRIP.

APPROVED 15 JULY 1970 REVISED

P.A. Av Force-5 Other Code	TITLE	MILITARY STANDARD
	ELECTRICAL CONNECTIONS FOR TEST EQUIPMENT AND GENERAL UTILITY	MS27609(USAF)
PREPARED BY None	APPROVED BY	DATE

DD FORM 672-1 (Replaces 672-1)

REPLACES DD FORM 672-1, 1-67