

Mendoza, Cathy K

From: [REDACTED]
Sent: Friday, December 07, 2001 12:34 PM
To: [REDACTED]
Subject: P31RABX3 - sectionc - WITHOUT SIGNATURES

2nd RESUBMITTED 12/14/01 BJTurner

CONTRACT C WORKSHEET

PRON P31RABX3 AMC 1 AMSC G ATC TRRA

TDP 9365988 TDPL DATE 01/16/01

NSN 5998012077981 NOMENCLATURE CIRCUIT CARD

ENGINEERING EXCEPTIONS: The following engineering changes apply to this procurement action(s):

ADDRESS FOR STABLE BASE MASTERS; COMMADDER
U.S. ARMY ARDEC/TACOM
Attn; AMSTA-AR-QAA-D
PICATINNY ARSENAL BUILDUNG !2
PICATINNY N.J. 07806-5000
DSN 880-5722
COMMERCIAL TELEPHONE 973-724-5722

DOCUMENT	DELETE	REPLACE WITH
11829559	MIL-F-13926	NO REPLACEMENT REQUIRED
9354177	MIL-F-13926	NO REPLACEMENT REQUIRED
	MIL-P-22241	ASTM D3293
9365988	MIL-F-13926	NO REPLACEMENT REQUIRED
	MIL-P-28809	IPC 2221
	11785556	SOLDER IN ACCORDANCE WITH BEST COMMERCIAL PRACTICE TO ENSURE COMPLIANCE WITH DWG OR SPECIFICATION REQUIREMENTS AS APPLICABLE.
PL9365988	QQ-S-571	J-STD-004, 005, 006.
9365989	MIL-F-13936	NO REPLACEMENT REQUIRED
9365989, NOTE 3, 6	SOURCE CONTROL	SPECIFICATION CONTROL
9365990	MIL-F-13936	NO REPLACEMENT REQUIRED
	MIL-STD-275	IPC-2221
	MIL-I-43553	A-A-56032F7
9365991	MIL-STD-2000	SOLDER IN ACCORDANCE WITH BEST COMMERCIAL PRACTICE TO ENSURE COMPLIANCE WITH DWG OR SPECIFICATION REQUIREMENTS AS APPLICABLE.
9365988	MIL-R-39008	MIL-PRF-39017
11829473	REMOVE DISTRIBUTION STATEMENT 'A' FROM SHEETS 2 & 3	
SQ 9365988	ADD DISTRIBUTION 'A' TO SHEET 1	
9365990	DISREGARD DISTRIBUTION STATEMENT 'A' ON SHEET 2	
9365993	ADD DISTRIBUTION STATEMENT 'A' TO SHEET 1, CHANGE REV FROM 'A' TO 'C' ON SHEET 2	

PL 9365988:

Add the following information :

Find Nos.	Part Identifier
2	J1
3	U4, U8
4	U5
5	U9
6	U3
7	U1
8	U7
9	U2, U10
10	U6
11	Q1
12	Q2, Q3, Q4, Q5
13	Q6
14	C14
15	C15
16	C3, C7, C21
17	C12, C18
18	C1, C2, C4, C5, C6, C8, C9, C10, C11, C13, C16, C17, C19, C20
19	CR1, CR2
20	CR3
21	DS1, DS2, DS3, DS4
22	R1, R2, R3, R4, R6, R8, R9, R25, R26, R27, R28
23	R7
24	R10
25	R5, R31
26	R29
27	R30
28	R13, R16, R18, R21
29	R11, R14, R17, R20
30	R12, R15, R19, R22
31	R24
32	R23
33	S1
38	TP2
39	TP1
40	TP3, TP4, TP5, TP6

PL 9365988 Find 25: change resistor value from 2005 ohms to 200 K ohms
Find 27: change resistor value from 16.5 K ohms to 120 K ohms
Find 18: change capacitor value from 1 M PF to 0.1 MF

INCH-POUND

MIL-J-39024/11F
AMENDMENT 1
15 September 1997

MILITARY SPECIFICATION SHEET

JACK, TIP, TEST POINT TYPE, PRINTED WIRING TYPE,
SINGLE TEST POINT, RIGHT ANGLE, 2-LEG MOUNTING, LOW VOLTAGE, .080

This amendment forms a part of MIL-J-39024/11F, dated 13 April 1993, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

FIGURE 1, delete dimension ".400" and substitute ".400 +.020/- .010".

PAGE 2

TABLE I, Note 3/, delete and substitute:

"X = G	For parts with gold plated terminals. (OEMs may order parts with gold plated terminals, marked with the suffix "G", and request that the terminals be solder dipped as a post manufacturing operation.)
X = blank	For parts with any of the specified terminal finishes. (OEMs may identify a specific terminal finish in their purchase order.)"

PAGE 3

Following the paragraph, Test probe: etc., add "Test with the size 1 spacer (1/8 inch probe insertion depth) is not required for this part."

In the paragraph, Part or Identifying Number (PIN): etc., delete "OEMs may order parts without gold plated terminals." and substitute "OEMs may order parts with or without gold plated terminals and mark them according to note 3/ of table I."

CONCLUDING MATERIAL

Custodians:
Army - CR
Navy - EC
Air Force - 85

Preparing activity:
DLA - CC
(Project 5935-4032)

Review activities:
Army - AR, ME, MI
Navy - AS, CG, MC, YD
Air Force - 19, 99

AMSC/NA

1 of 1

FSC 5935

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

Attachment 005

TABLE II Substitution data

Deleted dash numbers	Recommended substitute (dash numbers)
-21	-01
-22	-02
-23	-03
-24	-04
-25	-05
-26	-06
-27	-07
-28	-08
-29	-09
-30	-10

Revision letters are not used to denote changes due to the extensiveness of the changes

CONCLUDING MATERIAL

Custodians

Army - CR
Navy - EC
Air Force - 85

Review activities

Army - ME
Air Force - 11, 99
DLA - ES

User activities

Army - AR, MI
Navy - AS, CG, MC, YD
Air Force - 19

Preparing activity

Navy - EC

Agent

DLA - ES

(Project 5935-3918)

REQUIREMENTS

Design and construction

Dimensions and configuration See figure 1 and table 1

Insulation Material shall be polyamide per L-P-410 or ASTM D4066

Test probe 0.80 ± 0.01 inch (2.03 ± 0.03 mm) in diameter (connector shall accept test probe from either end)

Insulation resistance Test circuit figure in MIL-J-39024 shall be used

Dielectric withstanding voltage (at sea level) Test circuit figure in MIL-J-39024 shall be used

The applicable voltage shall be applied for 15 seconds

For -01X through -10X, 2,000 volts rms, 60 Hz, -41X through -50X, 500 volts rms, 60 Hz, -71X through -80X, 2,000 volts rms, 60 Hz

Insertion and withdrawal forces

Insertion force 5.0 pounds (maximum)

Withdrawal force 0.5 pound (minimum)

Terminal bendability For -71X through -80X, when the part is seated on a 0.625 inch (1.588 mm) nominal thickness printed wiring board there shall be no breakage or visible fracture of the terminals when they are clinched parallel to the board surface

Identification marking

The marking shall be located on the immediate container

Part or Identifying Number (PIN) M39024/11- (dash number from table 1) G on parts furnished to the government. The suffix "G" shall be used to identify parts with gold plated terminals. OEM's may order parts without gold plated terminals. Effective date of this revision, all parts furnished to the government for stock and issue shall have gold plated terminals. Existing government stocks of nongold terminals items shall be issued until exhausted. However, only "G" suffix items will be purchased. "G" suffix may be added to existing M39024/11-XX PIN's lacking "G" suffix. New NSN's will not be assigned.

OPERATING NOTES.

Operating voltage is 1,500 volts rms, 60 hertz at sea level, and 350 volts rms, 60 hertz at 50,000 feet

Maximum thickness of unsupported printed wiring board on which the connector may be used is 0.625 inch (1.588 mm). Maximum thickness of printed wiring board with plated through hole is 0.930 inch (2.352 mm)

TABLE I Dash numbers and dimensions

Dash number 2/ 3/	Dimensions (in inches 1/)			Insulation		Hole configuration
	A max	B ± 015	C	Color	Number per FED-STD-595	
-01X 4/ -02X -03X -04X -05X -06X -07X -08X -09X -10X	220 (5.59)	130 (3.30)	130 (3.30)	White Red Black Brown Green Orange Blue Yellow Gray Purple	17875 11105 17032 10075 14110 12246 15123 13655 16187 27144	Side holes only
-41X -42X -43X -44X -45X -46X -47X -48X -49X -50X	220 (5.59)	130 (3.30)	130 (3.30)	White Red Black Brown Green Orange Blue Yellow Gray Purple	17875 11105 17038 10075 14110 12246 15123 13655 16187 27144	Top and side holes
-71X 5/ -72X -73X -74X -75X -76X -77X -78X -79X -80X	220 (5.59)	130 (3.30)	130 (3.30)	White Red Black Brown Green Orange Blue Yellow Gray Purple	17875 11105 17038 10075 14110 12246 15123 13655 16187 27144	Side holes only

1/ Metric equivalents are shown in parentheses.

2/ Dash numbers -21 through -30 have been deleted. See table II for recommended substitute. Dash numbers -51 through -70 have been canceled without replacement.

3/ X = G (for parts with gold plated terminals)

X = blank for part with solder coated or tin-lead plated terminals

4/ Dash numbers -01X through -10X are for use by OEM's. When a Qualified Products List source is available for dash numbers -71X through -80X, only they will be acquired by the government for stock and issue in place of dash numbers -01X through -10X, respectively.

5/ Clinchable terminals. See terminal bendability requirements.

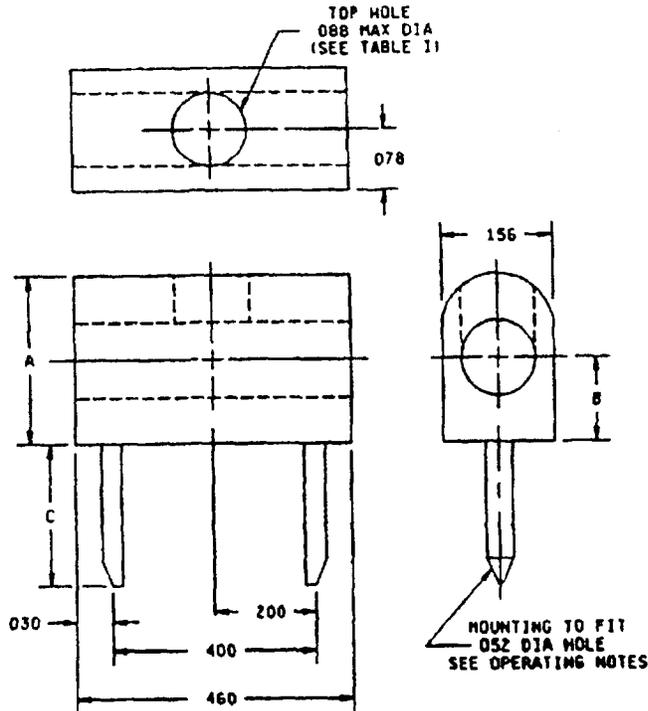
INCH-POUND
 MIL-J-39024/11F
 13 April 1993
 SUPERSEDING
 MIL-C-39024/11E
 14 January 1985

MILITARY SPECIFICATION SHEET

JACK, TIP, TEST POINT TYPE, PRINTED WIRING TYPE,
 SINGLE TEST POINT, RIGHT ANGLE, 2-LEG MOUNTING, LOW VOLTAGE, 080

This specification is approved for use by all Departments and Agencies of the Department of Defense

The requirements for acquiring the product described herein shall consist of this specification sheet and the issue of the following specification listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation MIL-J-39024



NOTES

1. Dimensions are in inches. (See table I for dimensions not shown on figure 1)
2. Unless otherwise specified, tolerance is ± 010 (0.25 mm)
3. Metric equivalents are given for general information only
4. Terminal contour is optional provided that mounting hole and mounting center requirements are met. Also, see Terminal bendability requirements
5. Top hole provides access to the electrical contact for a hand held probe. There is no spring contact retention.

Inches	mm	Inches	mm
.030	0.76	.156	3.96
.052	1.32	.200	5.08
.078	1.98	.400	10.16
.088	2.24	.460	11.68

FIGURE 1 Dimensions and Configuration