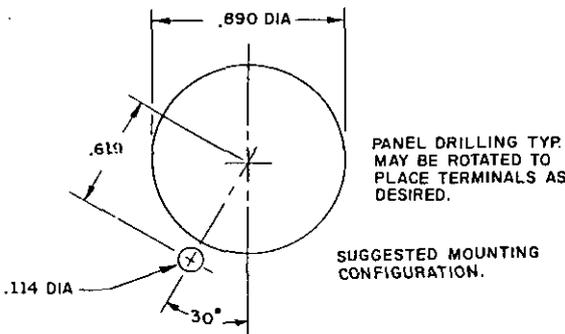
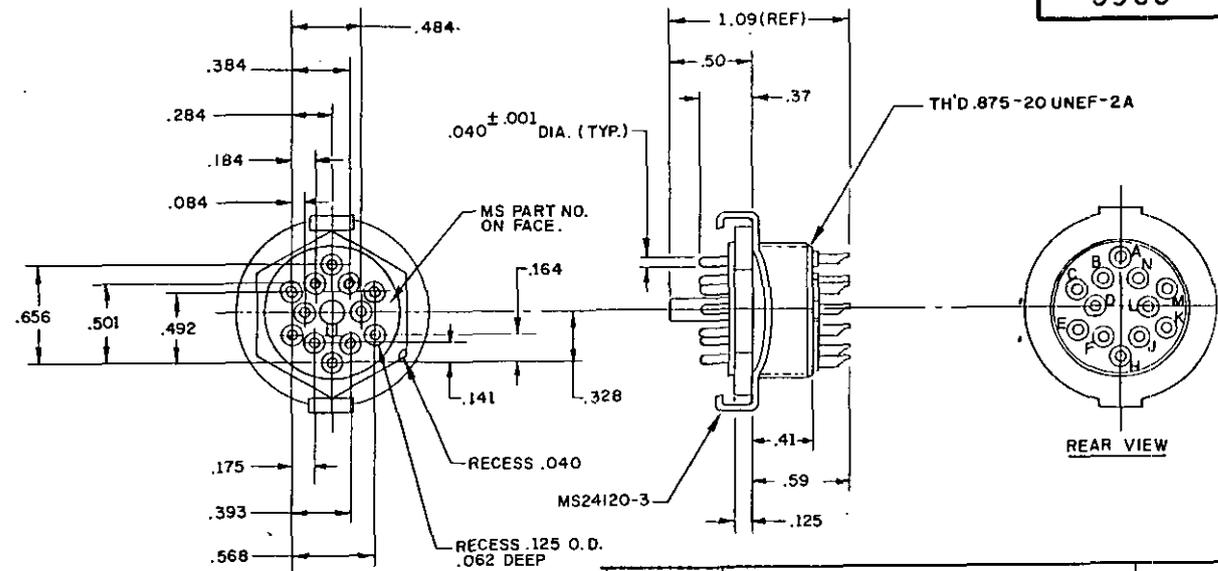


FED. SUP CLASS
5935

User activities: Army -
Navy -
Air Force -

Review activities: Army - AR
Navy - MC, SH
Air Force - 11, 17



MS part number	Voltage rating at 60 CPS				Temperature rating °C
	At sea level volts		At 70,000 ft. volts		
	Between contact	Contacts to ground	Between contacts	Contacts to ground	
MS24042-1	Not approved for use				125
MS24042-2	1250	800	350	175	150
MS24042-3	1250	800	350	175	200

Inches	mm
.001	0.02
.040	1.01
.062	1.57
.084	2.13
.114	2.89
.125	3.17
.141	3.58
.164	4.16
.175	4.44
.184	4.67
.284	7.21
.328	8.33
.37	9.4
.384	9.75
.393	9.98
.41	10.4
.484	12.29
.492	12.49
.50	12.70
.501	12.72
.568	14.42
.59	14.98
.619	15.72
.656	16.66
.890	22.60
1.09	27.7

(E) CANCELED - NO SUPERSEDING DOCUMENT

NOTES:

- Mating connector is MS24041.
- Maximum tolerance between any two molded contact centers is $\pm .002$.
- Force required to insert or withdraw the mating connector is 10 pounds maximum.
- Where a right angled hood is required with this set of connectors (MS24041 and MS24042) specify items MS24129-1 together with MS24128-1 and MS24127-1 to replace the indicated items MS24120-3, MS24057-3 (locking ear), and MS24127-1.
- All dimensions in inches. Unless otherwise specified, tolerances are $\pm .02$ or $\pm .005$, as applicable, on decimals and $\pm 1/2^\circ$ on angles.
- Without MS24120-3, connector may be panel mounted, using MS24127-1 and lockwasher, internal tooth phosphor bronze, shakeproof NC. 1934-04-00 or equal.
- Referenced documents shall be of the issue in effect on the date of invitation for bids.
- This standard takes precedence over document referenced herein.
- The MS part number marking required on the item may be omitted by marking the packages or tagging the parts per MIL-STD-130.
- Metric equivalents are given for general information.

(E) Entire standard revised

(PROJECT 5935-3604)

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

P.A AF-85	International Interest	TITLE CONNECTOR, PLUG-RECEPTACLE, ELECTRICAL, HEXAGONAL, 12 CONTACTS, MALE, 7.5 AMPS	MILITARY STANDARD
Other Cust ARMY-MI NAVY-AS			MS24042
Procurement Specification MIL-C-8384	SUPERSEDES: MS24042 USAF		PAGE OF

APPROVED 12 AUG '54 REVISED (D) 3 APR 1964 (E) 28 JUL 1987