

Reviewer/user information is current as of the date of this document. For future coordination of changes to this document, draft circulation should be based on the information in the current DODISS (FSC listing).
AF 11, 85, 17 @ 19, 14 Army IEL, MU Navy WP, SH @ MC

This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document

CASE, MOUNTING, TERMINAL ARRANGEMENT, AND MARKING				FED. SUP CLASS 5950																																													
				<p>CIRCUIT DIAGRAM AND MARKING READABLE WITH TRANSFORMER IN THIS POSITION (SEE NOTE 5)</p>																																													
<p>(F) CANCELED AFTER USE MIL-T-27/302-01</p>				<p>CIRCUIT DIAGRAM AND MARKING</p>																																													
<table border="1"> <thead> <tr> <th>INCHES</th> <th>MM</th> <th>INCHES</th> <th>MM</th> </tr> </thead> <tbody> <tr><td>.156</td><td>3.96</td><td>1.500</td><td>38.10</td></tr> <tr><td>.188</td><td>4.78</td><td>1.875</td><td>47.63</td></tr> <tr><td>.228</td><td>5.79</td><td>2.062</td><td>52.37</td></tr> <tr><td>.250</td><td>6.35</td><td>2.438</td><td>61.93</td></tr> <tr><td>.375</td><td>9.53</td><td>2.594</td><td>65.89</td></tr> <tr><td>.562</td><td>14.27</td><td>3.000</td><td>76.20</td></tr> <tr><td>.938</td><td>23.83</td><td>3.375</td><td>85.73</td></tr> <tr><td>1.125</td><td>28.58</td><td>3.938</td><td>100.03</td></tr> <tr><td>1.219</td><td>30.96</td><td>4.312</td><td>109.52</td></tr> <tr><td>1.375</td><td>34.93</td><td>1/2</td><td>12.70</td></tr> </tbody> </table>				INCHES	MM	INCHES	MM	.156	3.96	1.500	38.10	.188	4.78	1.875	47.63	.228	5.79	2.062	52.37	.250	6.35	2.438	61.93	.375	9.53	2.594	65.89	.562	14.27	3.000	76.20	.938	23.83	3.375	85.73	1.125	28.58	3.938	100.03	1.219	30.96	4.312	109.52	1.375	34.93	1/2	12.70	<p>MAX ALTITUDE: 10,000 FT</p>	
INCHES	MM	INCHES	MM																																														
.156	3.96	1.500	38.10																																														
.188	4.78	1.875	47.63																																														
.228	5.79	2.062	52.37																																														
.250	6.35	2.438	61.93																																														
.375	9.53	2.594	65.89																																														
.562	14.27	3.000	76.20																																														
.938	23.83	3.375	85.73																																														
1.125	28.58	3.938	100.03																																														
1.219	30.96	4.312	109.52																																														
1.375	34.93	1/2	12.70																																														
<p>NOTES:</p> <ol style="list-style-type: none"> 1. All dimensions in inches. 2. Unless otherwise specified, tolerance on overall case dimensions is $\pm .000$ (.00 mm), $-.125$ (3.18 mm). 3. Tolerance on mounting dimensions is $\pm .031$ (.79 mm). Mounting studs are symmetrically located with respect to the centerlines of the case. 4. Tolerance on terminal positioning dimensions is $\pm .125$ (3.18 mm). Terminals fit within minimum chassis cutout. 5. Type designation, MS part no. and manufacturer's name or code symbol to be marked on side opposite terminals. 6. Referenced document shall be of the issue in effect on date of invitations for bid. 7. For design feature purposes, this standard takes precedence over procurement document referenced herein. 8. Metric equivalents (to the nearest .01 mm) are shown for general information only and are based upon 1 inch = 25.4 mm. 																																																	
<p>MS PART NO. MS90031-2</p>																																																	
<p>P.A. Army - ER Other Cust Navy - EC Air Force - 85</p>		<p>TITLE TRANSFORMER, POWER, STEP-UP, TYPE TF4RX02KB001</p>		<p>MILITARY STANDARD MS90031</p>																																													
<p>Procurement Specification MIL-T-27</p>		<p>SUPERSEDES:</p>		<p>SHEET 1 OF 2</p>																																													
<p>DD FORM 672 25 OCT 63</p>		<p>(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE</p>		<p>5950- 0608-4</p>																																													

APPROVED 2 OCT 1952 REVISED (A) 16 NOV 1953 (B) 9 DEC 1955 (C) 17 DEC 1956 (D) 19 FEB 1960 (E) 21 Sep 65 (F) 26 MAY 1982