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AF H 1, 85, 17 @ 19, 14 Army H EL, MU Navy H 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>MINIMUM CHASSIS CUTOUT</p>																																																									
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<table border="1"> <thead> <tr> <th>INCHES</th> <th>MM</th> <th>INCHES</th> <th>MM</th> </tr> </thead> <tbody> <tr><td>.031</td><td>.79</td><td>1.500</td><td>38.10</td></tr> <tr><td>.188</td><td>4.78</td><td>1.688</td><td>42.88</td></tr> <tr><td>.250</td><td>6.35</td><td>1.844</td><td>46.84</td></tr> <tr><td>.281</td><td>7.14</td><td>2.469</td><td>62.71</td></tr> <tr><td>.312</td><td>7.92</td><td>2.594</td><td>65.89</td></tr> <tr><td>.375</td><td>9.53</td><td>2.875</td><td>73.03</td></tr> <tr><td>.562</td><td>14.27</td><td>3.000</td><td>76.20</td></tr> <tr><td>.625</td><td>15.88</td><td>3.188</td><td>80.98</td></tr> <tr><td>.750</td><td>19.05</td><td>3.688</td><td>93.68</td></tr> <tr><td>1.094</td><td>27.79</td><td>4.000</td><td>101.60</td></tr> <tr><td>1.219</td><td>30.96</td><td>4.688</td><td>119.08</td></tr> <tr><td>1.375</td><td>34.93</td><td>4.938</td><td>125.43</td></tr> <tr><td>1.469</td><td>37.31</td><td>5/8</td><td>15.88</td></tr> </tbody> </table>				INCHES	MM	INCHES	MM	.031	.79	1.500	38.10	.188	4.78	1.688	42.88	.250	6.35	1.844	46.84	.281	7.14	2.469	62.71	.312	7.92	2.594	65.89	.375	9.53	2.875	73.03	.562	14.27	3.000	76.20	.625	15.88	3.188	80.98	.750	19.05	3.688	93.68	1.094	27.79	4.000	101.60	1.219	30.96	4.688	119.08	1.375	34.93	4.938	125.43	1.469	37.31	5/8	15.88	<p>60 CPS</p> <p>125 V 4 115 V 3 105 V 2</p> <p>1.91 AMP RMS MAX THROUGH (1-3)</p> <p>0 V 1</p> <p>WORKING VOLTAGE 175 V MAX</p> <p>6.3 V, 8 AMP RMS WORKING VOLTAGE: 175 V MAX</p> <p>5 V, 3 AMP RMS WORKING VOLTAGE: 640 V MAX</p> <p>900 V RMS CT, .25 AMP DC TO INDUCTIVE INPUT FILTER</p> <p>WORKING VOLTAGE 640 V MAX</p> <p>MAX ALTITUDE: 10,000 FT</p>	
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<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>(F) CANCELED AFTER USE MIL-T-27/301-03</p>				<p>MS PART NO. MS90030-2</p>																																																									
<p>P.A. Army - ER Other Cust Navy - EC Air Force - 85</p>		<p>TITLE TRANSFORMER, POWER, STEP-DOWN, AND STEP-UP, TYPE TF4RX03MB004</p>		<p>MILITARY STANDARD MS 90030</p>																																																									
<p>Procurement Specification MIL-T-27</p>		<p>SUPERSEDES:</p>		<p>SHEET 1 OF 2</p>																																																									

DD FORM 672
25 OCT 63

(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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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