

SAE Executive Standards Committee Rules provide that: " This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user." SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

REV. D
AS25274™

FEDERAL SUPPLY CLASS
5940

RATIONALE

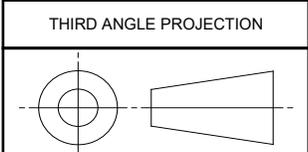
AS25274 IS BEING STABILIZED BECAUSE THE PROCESSES/PRODUCT IS CONSIDERED MATURE AND THE COMMITTEE DOES NOT ANTICIPATE FUTURE TECHNICAL CHANGES. STABILIZATION DOES NOT IMPLY THE PROCESS OR PRODUCT IS UNACCEPTABLE FOR APPLICATIONS FOR WHICH IT IS DESIGNED. ANY TECHNICAL CHANGES NOTED BY A SUPPLIER OR USER WHICH RESULTS IN A PRODUCT OR REQUIREMENT CHANGE WILL BE ADDRESSED BY A NEW REVISION. A QUALIFIED SUPPLIER IS STILL MAINTAINED.

STABILIZED NOTICE

THIS DOCUMENT HAS BEEN DECLARED "STABILIZED" BY SAE AE-8C2 TERMINATING DEVICES AND TOOLING COMMITTEE AND WILL NO LONGER BE SUBJECT TO PERIODIC REVIEWS FOR CURRENCY. USERS ARE RESPONSIBLE FOR VERIFYING REFERENCES AND CONTINUED SUITABILITY OF TECHNICAL REQUIREMENTS. NEWER TECHNOLOGY MAY EXIST.

SAENORM.COM : Click to view the full PDF of as25274d

For more information on this standard, visit
<https://www.sae.org/standards/content/AS25274D/>



CUSTODIAN: AE-8/AE-8C2		PROCUREMENT SPECIFICATION: AS7928	
	AEROSPACE STANDARD		AS25274™
	CAP, ELECTRICAL (WIRE END, CRIMP STYLE, TYPE II, CLASS 1) FOR 105 °C TOTAL CONDUCTOR TEMPERATURE		

ISSUED 2001-08 REVISED 2016-03 REAFFIRMED 2020-11 STABILIZED 2023-07

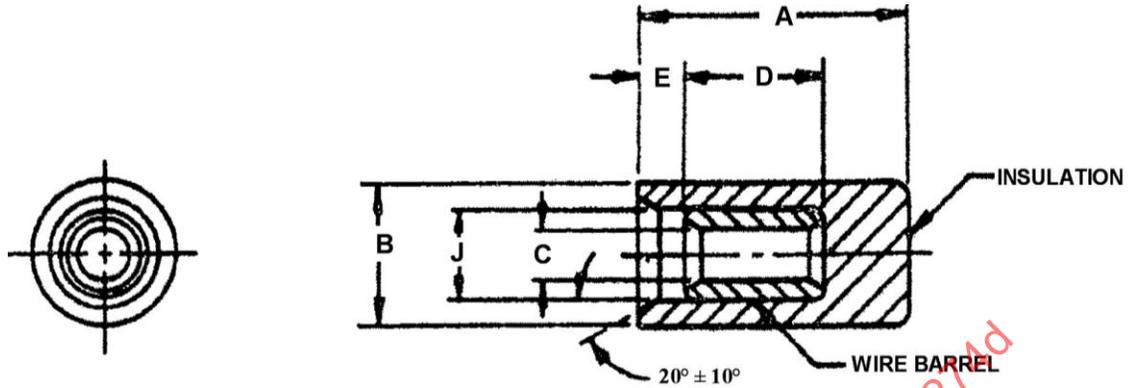


FIGURE 1 - AS25274 CONFIGURATION

TABLE 1 - DIMENSIONS AND PERFORMANCE REQUIREMENTS

DASH NO.	WIRE SIZE	A MAX	B MAX	C		D MAX	E MIN	J MAX	COLOR CODE	MIN TENSILE VALUES AND AXIAL LOAD (LB)
				MAX	MIN					
-1	26-24	.480	.215	.035	.027	.305	.082	.145	YELLOW	5.0
-2	22-18		.215	.073	.050			.145	RED	15.0
-3	16-14		.245	.095	.080			.170	BLUE	25.0
-4	12-10		.315	.140	.129			.345	.229	YELLOW

TABLE 2 - CRIMP TOOL REQUIREMENTS

DASH NO.	WIRE SIZE	CRIMP TOOL PIN M22520/	CRIMP DIE PIN M22520/
-1	26-24	/5-01	/5-100
		/10-01	/10-101
-2	22-18	/5-01	/5-100
		/10-01	/5-106
		/40	N/A
-3	16-14	/5-01	/5-100
		/10-01	/5-107
		/40	N/A
-4	12-10	/5-01	/5-100
		/10-01	/5-108
		/41	/10-100
			N/A