



(TERM 1). Emitter  
(TERM 2). Base  
(TERM 3). Collector

SYMBOL	-AA-				NOTES	-AB-				NOTES	-AC-				NOTES
	INCHES		MILLIMETERS			INCHES		MILLIMETERS			INCHES		MILLIMETERS		
	MIN.	MAX.	MIN.	MAX.		MIN.	MAX.	MIN.	MAX.		MIN.	MAX.	MIN.	MAX.	
A	0.300	0.350	7.62	8.89		0.320	0.370	8.13	9.39		0.460	0.510	11.69	12.95	
A <sub>1</sub>	0.185	0.215	4.70	5.46		0.200	0.230	5.08	5.84		0.270	0.300	6.86	7.62	
φ b	0.035	0.045	0.89	1.14		0.035	0.045	0.89	1.14		0.055	0.065	1.40	1.65	
D	0.475	0.525	12.07	13.33		0.625	0.675	15.88	17.14		0.975	1.025	24.77	26.03	
D <sub>1</sub>	0.475	0.525	12.07	13.33		0.575	0.625	14.61	15.87		0.725	0.775	18.42	19.68	
D <sub>2</sub>	0.238	0.262	6.05	6.65		0.313	0.338	7.95	8.58		0.488	0.512	12.40	13.00	
D <sub>3</sub>	0.238	0.262	6.05	6.65		0.288	0.312	7.32	7.92		0.363	0.387	9.22	9.82	
e	0.286	0.306	7.27	7.77		0.365	0.385	9.28	9.77		0.590	0.610	14.99	15.49	
e <sub>1</sub>	0.143	0.153	3.64	3.88		0.182	0.192	4.63	4.87		0.295	0.305	7.50	7.74	
L	0.475	0.525	12.07	13.33		0.475	0.525	12.07	13.33		0.400	0.450	10.16	11.43	
φ M	0.166	0.189	4.22	4.80		0.223	0.249	5.67	6.32		0.281	0.311	7.14	7.89	
N	0.390	0.440	9.91	11.17		0.395	0.445	10.04	11.30		0.440	0.490	11.18	12.44	
N <sub>1</sub>		0.078		1.98	4		0.089		2.26	4		0.104		2.66	
φ W	10-32 UNF-2A		10-32 UNF-2A		3	1/4-28 UNF-2A		1/4-28 UNF-2A		3	5/16-24 UNF-2A		5/16 UNF-2A		3

NOTES:

1. REFER TO APPLICABLE SYMBOL LIST.
2. DIMENSIONING & TOLERANCING PER ANSI Y14.5-1973.
3. COATED THREADS SHALL MEET THE REQUIREMENTS OF ANSI B1.1-1960.
4. LENGTH OF INCOMPLETE OR UNDERCUT THREADS AT φ M.
5. CONTROLLING DIMENSION: INCH.
6. COLLECTOR ISOLATED FROM CASE.