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YES	71.12[2.800]	28	5-640442-8		
YES	68.58[2.700]	27	5-640442-7		
YES	66.04[2.600]	26	5-640442-6		
YES	63.50[2.500]	25	5-640442-5		
YES	60.96[2.400]	24	5-640442-4		
YES	58.42[2.300]	23	5-640442-3		
YES	55.88[2.200]	22	5-640442-2		
YES	53.34[2.100]	21	5-640442-1		
YES	50.80[2.000]	20	5-640442-0		
YES	48.26[1.900]	19	4-640442-9		
YES	45.72[1.800]	18	4-640442-8		
YES	43.18[1.700]	17	4-640442-7		
YES	40.64[1.600]	16	4-640442-6		
YES	38.10[1.500]	15	4-640442-5		
YES	35.56[1.400]	14	4-640442-4		
YES	33.02[1.300]	13	4-640442-3		
YES	30.48[1.200]	12	4-640442-2		
YES	27.94[1.100]	11	4-640442-1		
YES	25.40[1.000]	10	4-640442-0		
YES	22.86[.900]	9	3-640442-9		
YES	20.32[.800]	8	3-640442-8		
YES	17.78[.700]	7	3-640442-7		
YES	15.24[.600]	6	3-640442-6		
YES	12.70[.500]	5	3-640442-5		
YES	10.16[.400]	4	3-640442-4		
YES	7.62[.300]	3	3-640442-3		
YES	5.08[.200]	2	3-640442-2		
NO	71.12[2.800]	28	2-640442-8	SUPERCEDED BY 5-640442-8	
NO	68.58[2.700]	27	2-640442-7	SUPERCEDED BY 5-640442-7	
NO	66.04[2.600]	26	2-640442-6	SUPERCEDED BY 5-640442-6	
NO	63.50[2.500]	25	2-640442-5	SUPERCEDED BY 5-640442-5	
NO	60.96[2.400]	24	2-640442-4	SUPERCEDED BY 5-640442-4	
NO	58.42[2.300]	23	2-640442-3	SUPERCEDED BY 5-640442-3	
NO	55.88[2.200]	22	2-640442-2	SUPERCEDED BY 5-640442-2	
NO	53.34[2.100]	21	2-640442-1	SUPERCEDED BY 5-640442-1	
NO	50.80[2.000]	20	2-640442-0	SUPERCEDED BY 5-640442-0	
NO	48.26[1.900]	19	1-640442-9	SUPERCEDED BY 4-640442-9	
NO	45.72[1.800]	18	1-640442-8	SUPERCEDED BY 4-640442-8	
NO	43.18[1.700]	17	1-640442-7	SUPERCEDED BY 4-640442-7	
NO	40.64[1.600]	16	1-640442-6	SUPERCEDED BY 4-640442-6	
NO	38.10[1.500]	15	1-640442-5	SUPERCEDED BY 4-640442-5	
NO	35.56[1.400]	14	1-640442-4	SUPERCEDED BY 4-640442-4	
NO	33.02[1.300]	13	1-640442-3	SUPERCEDED BY 4-640442-3	
NO	30.48[1.200]	12	1-640442-2	SUPERCEDED BY 4-640442-2	
NO	27.94[1.100]	11	1-640442-1	SUPERCEDED BY 4-640442-1	
NO	25.40[1.000]	10	1-640442-0	SUPERCEDED BY 4-640442-0	
NO	22.86[.900]	9	640442-9	SUPERCEDED BY 3-640442-9	
NO	20.32[.800]	8	640442-8	SUPERCEDED BY 3-640442-8	
NO	17.78[.700]	7	640442-7	SUPERCEDED BY 3-640442-7	
NO	15.24[.600]	6	640442-6	SUPERCEDED BY 3-640442-6	
NO	12.70[.500]	5	640442-5	SUPERCEDED BY 3-640442-5	
NO	10.16[.400]	4	640442-4	SUPERCEDED BY 3-640442-4	
NO	7.62[.300]	3	640442-3	SUPERCEDED BY 3-640442-3	
NO	5.08[.200]	2	640442-2	SUPERCEDED BY 3-640442-2	
LEADFREE	DIM A	NO. OF CIRCUITS	PART NO.		

1 MATERIAL: CONNECTOR - NYLON UL94V-2 (BLUE).
CONTACTS - 0.30[.012] THICK COPPER ALLOY
BRIGHT TIN-LEAD .00203[.000080] MIN THICKNESS
FOR 640442-2 THRU 2-640442-8.
MATTE WHISKER MITIGATED TIN .00203[.000080] MIN THICKNESS
OVER NICKEL UNDERPLATE FOR 3-640442-2 THRU 5-640442-8.

2 CONTACTS ACCEPT 26 AWG WIRE WITH 1.52[.060] MAX
INSULATION DIAMETER.

3 CONTACTS MUST ACCEPT 0.64±0.03[.025±.001]
POST AND REMAIN LOCKED IN POSITION.

4 IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY
NOT APPEAR ON ALL ASSEMBLIES.

5 DIMENSIONS IN BRACKETS ARE IN INCHES.

6 HOUSING FEATURES ARE: CLOSED END WITH LOCKING RAMP

7 OBSOLETE PARTS

AMP
1 2 3

6.99
[.275]

6.22
[.245]

1.91
[.075]

1.42±0.10
[.056±.004]

4.67±0.08
[.184±.003]

3.66±0.08
[.144±.003]

13.21
[.520]

A +0.38
-0.25
[A +.015
-.010]

2.5

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[640442-6](#)