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sales@integrated-circuit.com

	10	9	8	7	6	5	4	3	2	1
F	ENG No:		AE-3190-NA							
	DIM "D"		(11.43) .450							
	DIM "C"		(19.05) .750							
E	CCT SIZE	DIM "A"	DIM "B"	PART No						
	3	(7.92) .312	(11.89) .468	26-19-2031						
	4	(11.89) .468	(15.85) .624	26-19-2041						
	5	(15.85) .624	(19.81) .780	26-19-2051						
	6	(19.81) .780	(23.77) .936	26-19-2061						
	7	(23.77) .936	(27.74) 1.092	26-19-2071						
	8	(27.74) 1.092	(31.70) 1.248	26-19-2081						
	9	(31.70) 1.248	(35.66) 1.404	26-19-2091						
	10	(35.66) 1.404	(39.62) 1.560	26-19-2101						
	11	(39.62) 1.560	(43.59) 1.716	26-19-2111						
	12	(43.59) 1.716	(47.55) 1.872	26-19-2121						
	13	(47.55) 1.872	(51.51) 2.028	26-19-2131						
	14	(51.51) 2.028	(55.47) 2.184	26-19-2141						
	15	(55.47) 2.184	(59.44) 2.340	26-19-2151						
	16	(59.44) 2.340	(63.40) 2.496	26-19-2161						
	17	(63.40) 2.496	(67.36) 2.652	26-19-2171						
	18	(67.36) 2.652	(71.32) 2.808	26-19-2181						
	19	(71.32) 2.808	(75.29) 2.964	26-19-2191						
	20	(75.29) 2.964	(79.25) 3.120	26-19-2201						

Technical drawing of the connector showing side and top views with dimensions and callouts. Key dimensions include: 1.27 MIN, .050, (9.12) .359, (3.17) ±.038, .125 ±.015, (6.9) .27, (3.96) ±.156, (1.0) .04, (3.96) .156, (1.14) .045 DIA ROUND PIN, UNPLATED TIPS ACCEPTABLE, (1.98) .078 REF, A (+.025) ±.010, "B" REF, AT DATUM "E", SEE NOTE 6, CKT. No.1, SEE NOTE 9, (3.96) ±.156 ±.004 TYP NON-ACCUM, (1.52) +.05 -0.08 TYP, .060 +.002 -0.003, RECOMMENDED PCB HOLE DIMENSIONS.

NOTES:

1. MATERIAL: HOUSING: NYLON, UL94V-2, COLOR: NATURAL PINS: BRASS
2. FINISH: (0.00254)/.000100 MIN, MATTE TIN OVER (0.00127)/.000050 MIN, NICKEL UNPLATED TIPS ACCEPTABLE
3. PRODUCT SPECIFICATION: PS-99020-0087
4. PACKAGING SPECIFICATION: PER PK-3190-001
5. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
6. PIN PUSHOUT FORCE 3 LBS MIN.
7. PIN MUST CONFORM TO MOLEX SOLDERABILITY SPEC SMES-152 AFTER PLATING.
8. RECOMMENDED PCB BOARD 1.6MM
9. CIRCUIT 1 USED TO DEFINE VOID LOCATION. CIRCUIT 1 MAY OR MAY NOT ALIGN WITH CIRCUIT 1 OF THE MATING PART.

REMOVE 2CKT EC NO: UCP2016-0549 DRAWN BY: 2015/08/06 CHKD: DFOX 2015/08/06 APPR: SMITH 2015/08/24	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	mm INCH	DRAWN BY T. MOHON	DATE 1998/10/02	TITLE	WAFAER POL KK .156 FOR .045 ROUND PINS		
		3 PLACES ± --- ± .010		CHECKED BY M. GOONEY	DATE 1998/10/02				
		2 PLACES ± 0.25 ± .014		APPROVED BY MWILHITE	DATE 1998/10/02				
AD1	DESCRIPTION	1 PLACE ± 0.35 ± ---		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 1 OF 2	
		0 PLACE ± ±		SEE CHART		SDAE-3190-N**			
		ANGULAR ±1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							