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[Molex Connector Corporation](#)
[0026192181](#)

For any questions, you can email us directly:

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						
D	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						
C	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						
B	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						
A	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, (1.0) .04, (3.96) .156, (1.14) .045 DIA ROUND PIN, UNPLATED TIPS ACCEPTABLE, (1.98) .078 REF, A (+0.25) ±0.010 AT DATUM "E", "B" REF, (3.17) ±0.38, .125 ±0.015, (9.12) .359, D (+0.50) ±0.020, "C" REF, (6.9) .27, (3.96) ±0.1, .156 ±0.004 TYP NON-ACCUM, (1.52) +0.05 -0.08 TYP, .060 +0.002 -0.003 TYP.

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 BY: 2015/08/06 APPR: SMITH 2015/08/24	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH					
			4 PLACES ±---	±---					
			3 PLACES ±---	±.010					
AD1	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY		DATE	TITLE	DOCUMENT NO.		
			CHECKED BY						
			APPROVED BY						
			MATERIAL NO.						
			ANGULAR ±1/2°					SEE CHART	
			SIZE					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
			B						

ib_frame_B_P_ME_T
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