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1 ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS.

2 TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADER
IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD.

3 THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING.

4 POST PLATING: 0.00762[.000030] GOLD ON CONTACT AREA,
0.00254-0.00508[.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL,
ALL OVER 0.00127[.000050] NICKEL.

5 HOUSING: LCP, COLOR-BLACK.

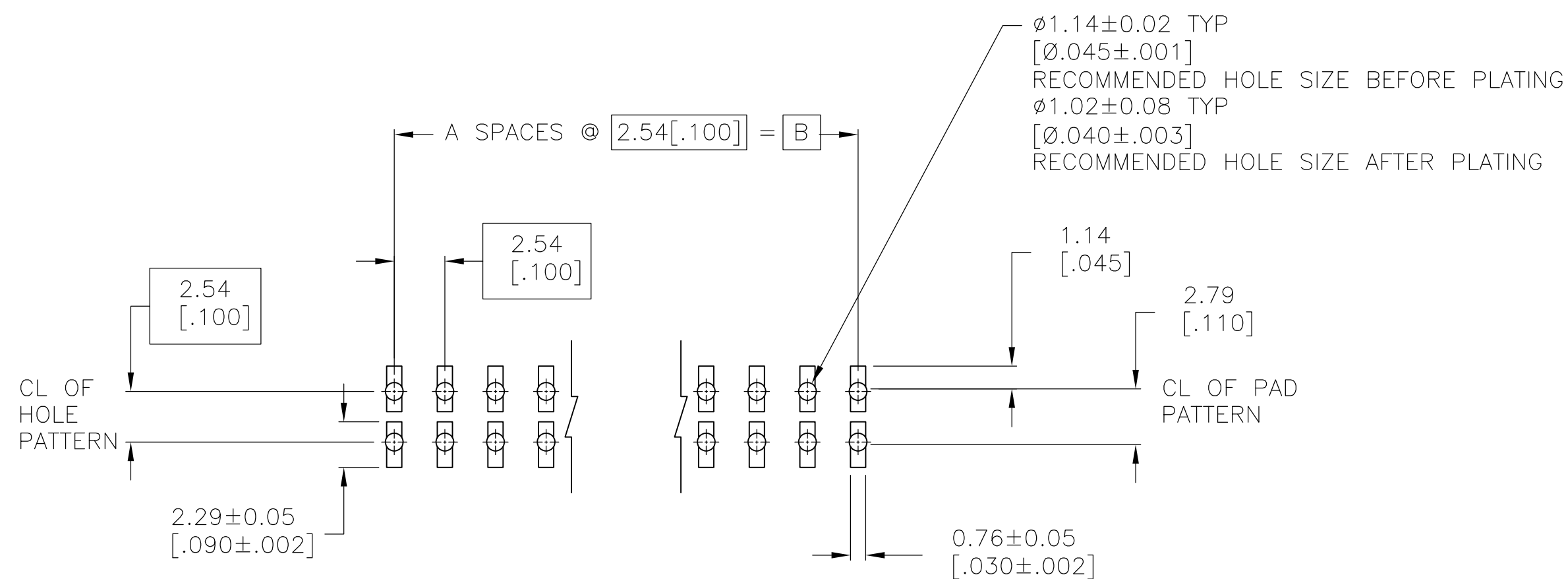
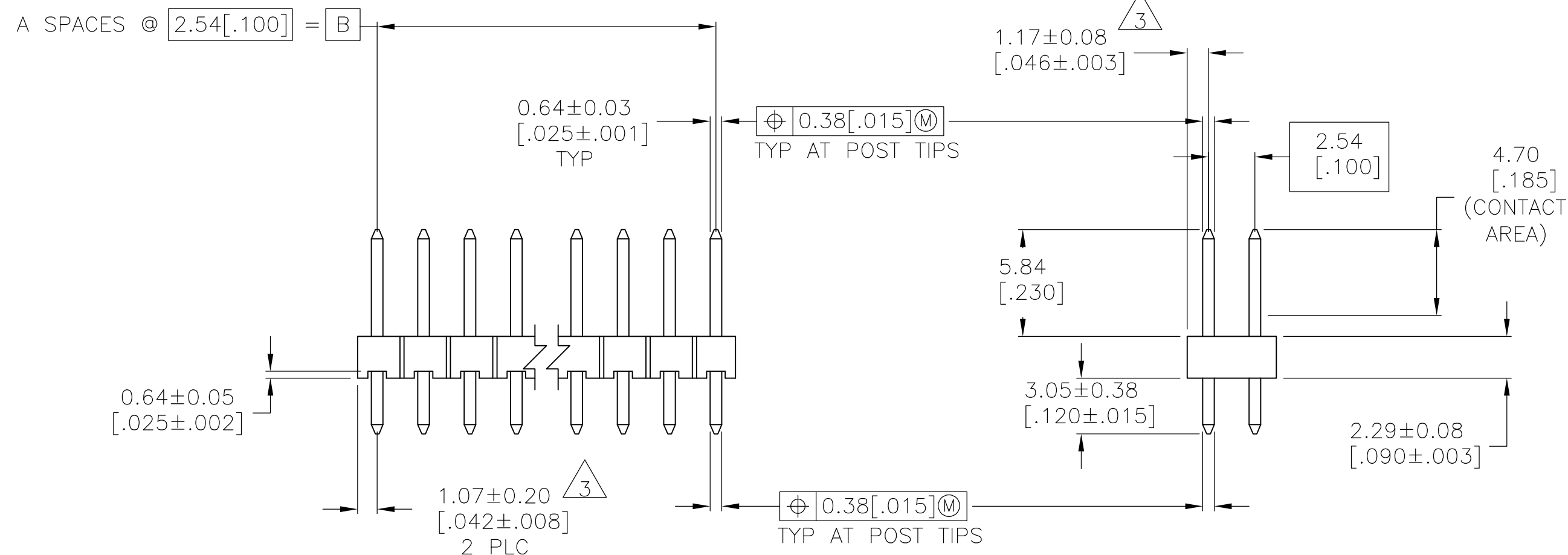
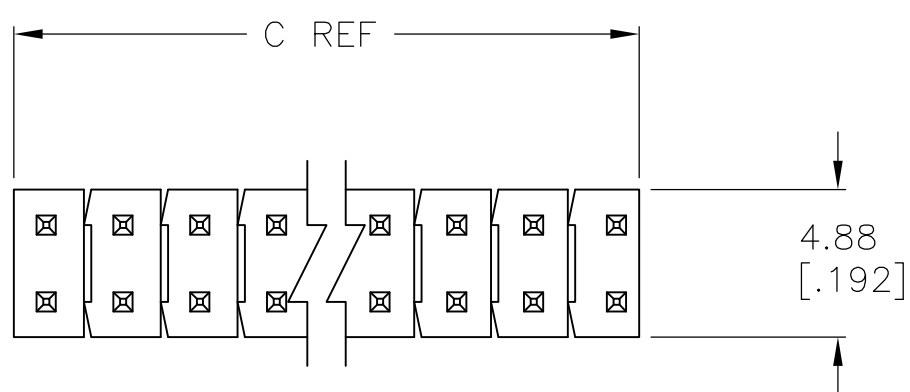
6 POST: COPPER ALLOY.

 PARTS PACKAGED IN TUBES.

8 POST PLATING: 0.00762[.000030] GOLD ON CONTACT AREA,
0.00254-0.00508[.000100-.000200] MATTE TIN ON SOLDER TAIL,
ALL OVER 0.00127[.000050] NICKEL.

9 PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.

10 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI.

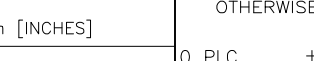


RECOMMENDED PC BOARD MOUNTING DIMENSIONS
FOR .063 [1.60] THICK PC BOARD AND
.012 [.305] STENCIL THICK.

8	101.19 [3.984]	99.06 [3.900]	39	80	9-146257-0
8	98.65 [3.884]	96.52 [3.800]	38	78	8-146257-9
8	96.11 [3.784]	93.98 [3.700]	37	76	8-146257-8
8	93.57 [3.684]	91.44 [3.600]	36	74	8-146257-7
8	91.03 [3.584]	88.90 [3.500]	35	72	8-146257-6
8	88.49 [3.484]	86.36 [3.400]	34	70	8-146257-5
8	85.95 [3.384]	83.82 [3.300]	33	68	8-146257-4
8	83.41 [3.284]	81.28 [3.200]	32	66	8-146257-3
8	80.87 [3.184]	78.74 [3.100]	31	64	8-146257-2
8	78.33 [3.084]	76.20 [3.000]	30	62	8-146257-1
8	75.79 [2.984]	73.66 [2.900]	29	60	8-146257-0
8	73.25 [2.884]	71.12 [2.800]	28	58	7-146257-9
8	70.71 [2.784]	68.58 [2.700]	27	56	7-146257-8
8	68.17 [2.684]	66.04 [2.600]	26	54	7-146257-7
8	65.63 [2.584]	63.5 [2.500]	25	52	7-146257-6
8	63.09 [2.484]	60.96 [2.400]	24	50	7-146257-5
8	60.55 [2.384]	58.42 [2.300]	23	48	7-146257-4
8	58.01 [2.284]	55.88 [2.200]	22	46	7-146257-3
8	55.47 [2.184]	53.34 [2.100]	21	44	7-146257-2
8	52.93 [2.084]	50.80 [2.000]	20	42	7-146257-1
8	50.39 [1.984]	48.26 [1.900]	19	40	7-146257-0
8	47.85 [1.884]	45.72 [1.800]	18	38	6-146257-9
8	45.31 [1.784]	43.18 [1.700]	17	36	6-146257-8
8	42.77 [1.684]	40.64 [1.600]	16	34	6-146257-7
8	40.23 [1.584]	38.10 [1.500]	15	32	6-146257-6
8	37.69 [1.484]	35.56 [1.400]	14	30	6-146257-5
8	35.15 [1.384]	33.02 [1.300]	13	28	6-146257-4
8	32.61 [1.284]	30.48 [1.200]	12	26	6-146257-3
8	30.07 [1.184]	27.94 [1.100]	11	24	6-146257-2
8	27.53 [1.084]	25.40 [1.000]	10	22	6-146257-1
8	24.99 [.984]	22.86 [.900]	9	20	6-146257-0
8	22.45 [.884]	20.32 [.800]	8	18	5-146257-9
8	19.91 [.784]	17.78 [.700]	7	16	5-146257-8
8	17.37 [.684]	15.24 [.600]	6	14	5-146257-7
8	14.83 [.584]	12.70 [.500]	5	12	5-146257-6
8	12.29 [.484]	10.16 [.400]	4	10	5-146257-5
8	9.75 [.384]	7.62 [.300]	3	8	5-146257-4
8	7.21 [.284]	5.08 [.200]	2	6	5-146257-3
8	4.67 [.184]	2.54 [.100]	1	4	5-146257-2
8	-	-	0	2	5-146257-1
PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER

9	8	17.37 [.684]	15.24 [.600]	6	14	4-146257-6
	8	9.75 [.384]	7.62 [.300]	3	8	4-146257-5
	8	7.21 [.284]	5.08 [.200]	2	6	4-146257-4
	8	24.99 [.984]	22.86 [.900]	9	20	4-146257-3
OBSOLETE	7	75.79 [2.984]	73.66 [2.900]	29	60	10 4-146257-2
	7	17.37 [.684]	15.24 [.600]	6	14	10 4-146257-1
PLATING	4	101.19 [3.984]	99.06 [3.900]	39	80	4-146257-0
	4	98.65 [3.884]	96.52 [3.800]	38	78	10 3-146257-9
	4	96.11 [3.784]	93.98 [3.700]	37	76	10 3-146257-8
	4	93.57 [3.684]	91.44 [3.600]	36	74	10 3-146257-7
	4	91.03 [3.584]	88.90 [3.500]	35	72	10 3-146257-6
	4	88.49 [3.484]	86.36 [3.400]	34	70	10 3-146257-5
	4	85.95 [3.384]	83.82 [3.300]	33	68	10 3-146257-4
	4	83.41 [3.284]	81.28 [3.200]	32	66	10 3-146257-3
	4	80.87 [3.184]	78.74 [3.100]	31	64	10 3-146257-2
	4	78.33 [3.084]	76.20 [3.000]	30	62	10 3-146257-1
	4	75.79 [2.984]	73.66 [2.900]	29	60	10 3-146257-0
	4	73.25 [2.884]	71.12 [2.800]	28	58	10 2-146257-9
	4	70.71 [2.784]	68.58 [2.700]	27	56	10 2-146257-8
	4	68.17 [2.684]	66.04 [2.600]	26	54	10 2-146257-7
	4	65.63 [2.584]	63.5 [2.500]	25	52	10 2-146257-6
	4	63.09 [2.484]	60.96 [2.400]	24	50	2-146257-5
	4	60.55 [2.384]	58.42 [2.300]	23	48	10 2-146257-4
	4	58.01 [2.284]	55.88 [2.200]	22	46	10 2-146257-3
	4	55.47 [2.184]	53.34 [2.100]	21	44	10 2-146257-2
	4	52.93 [2.084]	50.80 [2.000]	20	42	10 2-146257-1
	4	50.39 [1.984]	48.26 [1.900]	19	40	2-146257-0
	4	47.85 [1.884]	45.72 [1.800]	18	38	10 1-146257-9
	4	45.31 [1.784]	43.18 [1.700]	17	36	10 1-146257-8
	4	42.77 [1.684]	40.64 [1.600]	16	34	1-146257-7
	4	40.23 [1.584]	38.10 [1.500]	15	32	10 1-146257-6
	4	37.69 [1.484]	35.56 [1.400]	14	30	10 1-146257-5
	4	35.15 [1.384]	33.02 [1.300]	13	28	10 1-146257-4
	4	32.61 [1.284]	30.48 [1.200]	12	26	10 1-146257-3
	4	30.07 [1.184]	27.94 [1.100]	11	24	1-146257-2
	4	27.53 [1.084]	25.40 [1.000]	10	22	10 1-146257-1
	4	24.99 [.984]	22.86 [.900]	9	20	1-146257-0
	4	22.45 [.884]	20.32 [.800]	8	18	10 146257-9
	4	19.91 [.784]	17.78 [.700]	7	16	146257-8
	4	17.37 [.684]	15.24 [.600]	6	14	10 146257-7
	4	14.83 [.584]	12.70 [.500]	5	12	10 146257-6
	4	12.29 [.484]	10.16 [.400]	4	10	146257-5
	4	9.75 [.384]	7.62 [.300]	3	8	10 146257-4
	4	7.21 [.284]	5.08 [.200]	2	6	10 146257-3
	4	4.67 [.184]	2.54 [.100]	1	4	146257-2
	4	-	-	0	2	146257-1
	PLATING	C	B	A	NO. OF POSITIONS	PART NUMBER

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	N1	REVISED PER ECO-16-012733	01SEP2016	NK	MM

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWG R BROWN 15JAN05		 TE Connectivity						
			CHK J GEFORD 15JAN05								
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPROV J GEFORD 15JAN05	NAME						
		0 PLC ±		PRODUCT SPEC							
		1 PLC ±		APPLICATION SPEC							
		2 PLC ± 0.51[.02]		SIZE A1		CAGE CODE 00779	DRAWING NO C146257	RESTRICTED TO —			
		3 PLC ± 0.127[.005]									
		4 PLC ± 0.254[.010]									
ANGLES ± 0.25[.01]		FINISH		WEIGHT —							
MATERIAL 		SEE TABLE		CUSTOMER DRAWING		SCALE 4:1		SHEET 1 of 1		REV N1	

Mouser Electronics

Authorized Distributor

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[1-146257-0](#)