

PART NUMBER CODING

A_B _ _ DHH _ -S1013

**NUMBER OF POSITIONS
(CONTACTS PER ROW)**

PLATING

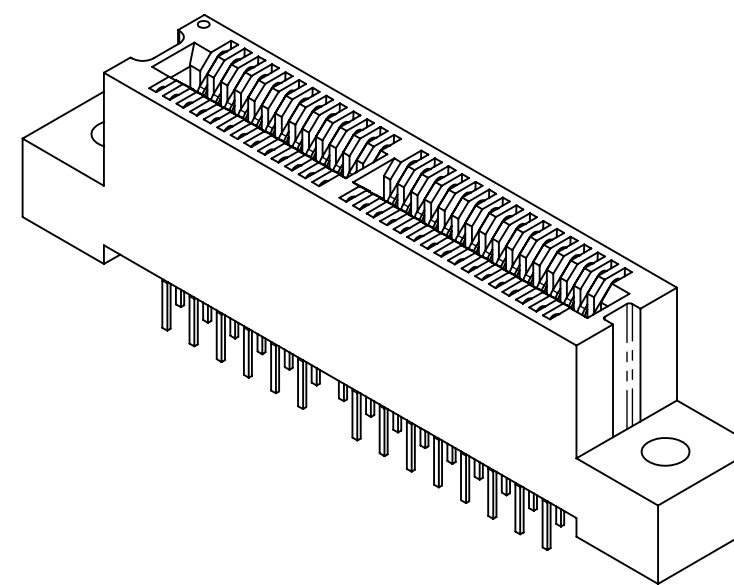
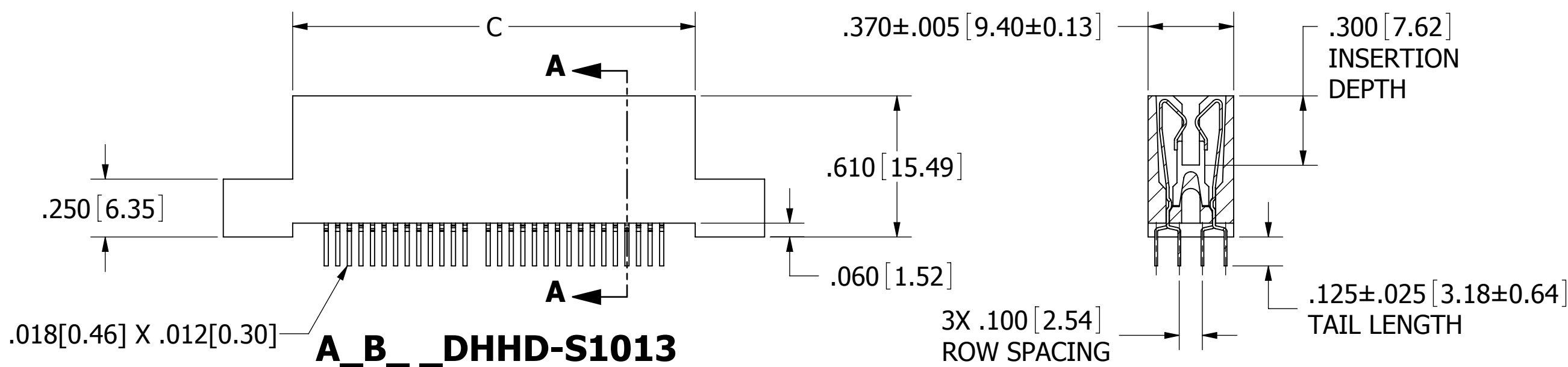
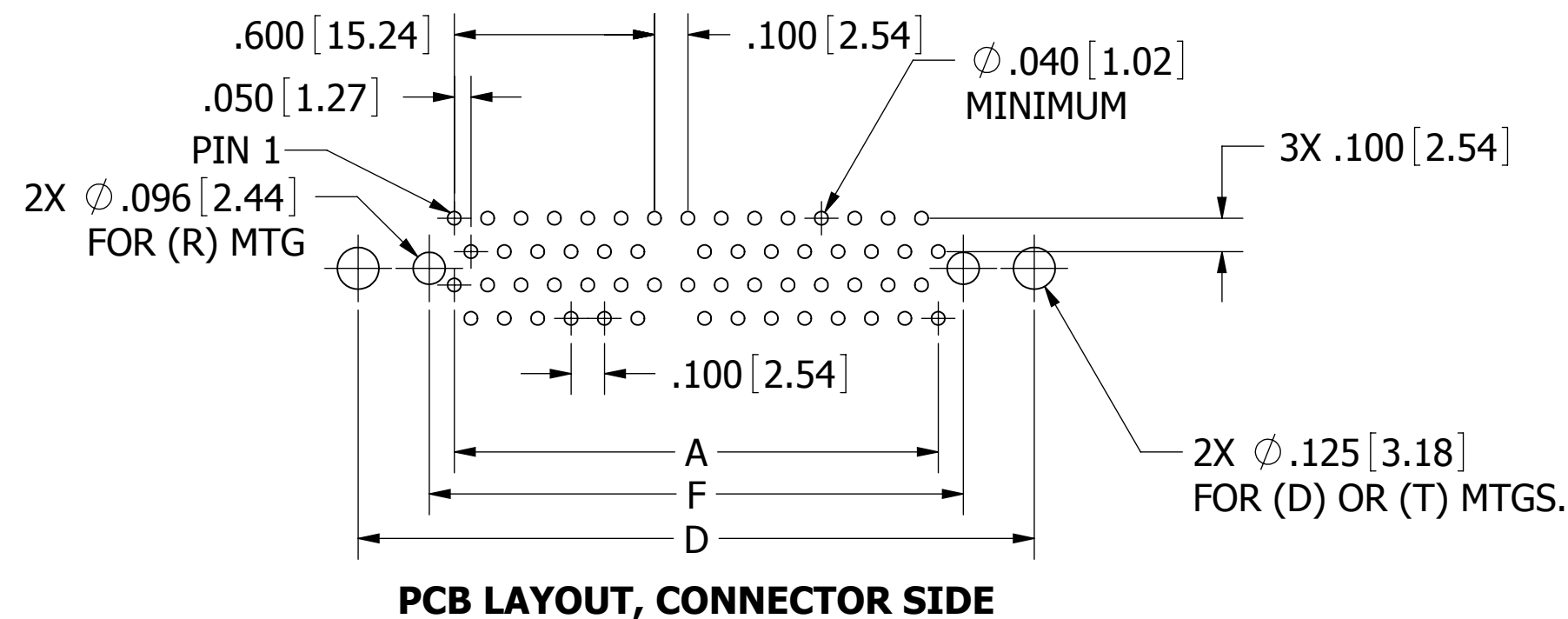
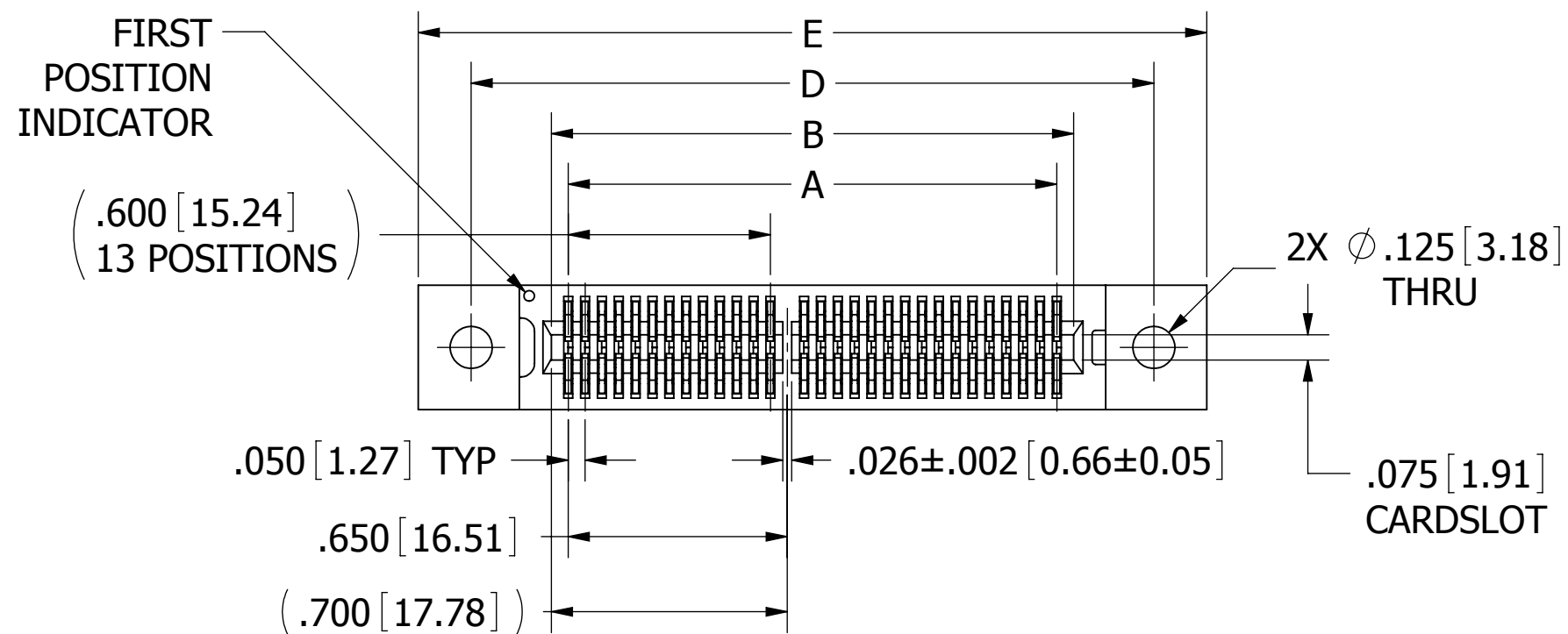
ALL PLATINGS ARE LEAD FREE AND HAVE .000050" NICKEL UNDERPLATE

CONTACT SURFACE	TERMINATION
B = .000010" GOLD	.000100" PURE TIN, MATTE
C = .000030" GOLD	.000100" PURE TIN, MATTE

MOUNTING STYLE

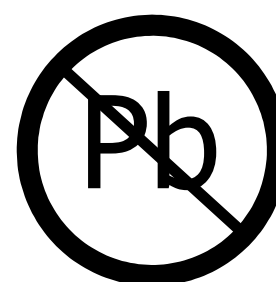
- D = FLUSH MOUNTING (PAGE 1)
- N = NO MOUNTING EARS
- T = FLUSH MOUNTING, WITH THREADED INSERTS
- R = METAL BOARDLOCKS

REVISIONS				
REV.	ECO. NO	DESCRIPTION	DATE	BY
D	756	UPDATE PART NUMBER TO DHHN, ADD PLATING TABULATION	10/07/05	MNH
E	766	UPDATE PCB LAYOUT	10/13/2005	MNH
F	2136	ADD MOUNTING & POSITION # OPTIONS	4/27/2010	JH



NOTES:

1. INSULATOR MATERIAL: PPS.
2. CONTACT MATERIAL: BERYLLIUM COPPER.
3. PLATING: SEE PART NUMBER CODING.
4. OPERATING TEMPERATURE: -65 °C TO +150 °C .
5. PROCESSING TEMP: 260 °C MAX FOR 120 SECONDS MAX.
6. UL FLAMMABILITY RATING: 94V-0.
7. VOLTAGE RATING: 250 VDC MINIMUM AT SEA LEVEL.
8. CURRENT RATING: 1 AMP PER CONTACT.
9. CONTACT RESISTANCE: 30 MILLIOHMS MAX
10. INSULATION RESISTANCE: 5000 MEGA OHMS.
11. DURABILITY: 500 CYCLES MIN.
12. CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND BARCODE.
13. BOARD THICKNESS ACCOMMODATED: .062 ±.008[1.57 ±0.20].
14. BOARD INSERTION FORCE: 16 OZ MAX PER CONTACT PAIR WHEN USING A .062[1.57] TEST BLADE. INTERNAL INSPECTION TO BE PER SULLIN'S WORK INSTRUCTION W17.3-01.
15. BOARD WITHDRAWAL FORCE: 1 OUNCE MINIMUM PER CONTACT PAIR USING .062[1.57] PCB.
16. MODIFICATION:MOLDED KEY IN POSITION 14.



RoHS COMPLIANT

CUSTOMER COPY

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES[MM]
TOLERANCES:
ANGULAR: ± 30'
.XX=± .02 [.508]
.XXX=± .005 [.1270]
.XXXX=± .0005 [.0127]
SURFACE FINISH: 63 Rg
REMOVE ALL BURRS AND SHARP EDGES .010 MAX

INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994

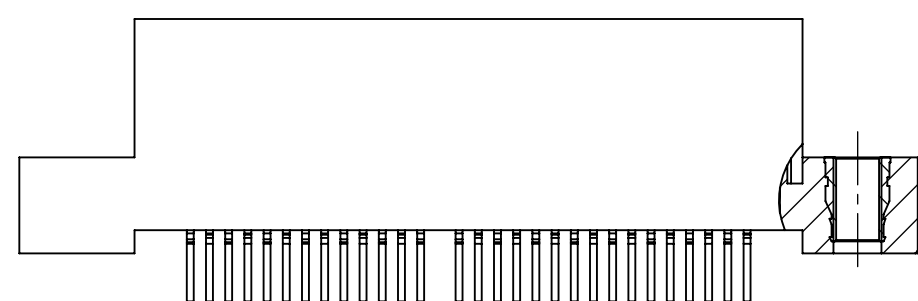
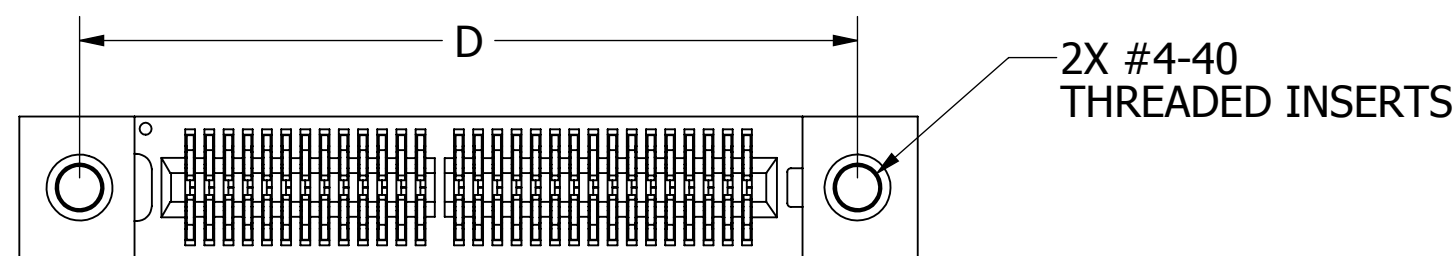
DRAWN	DATE	NAME
	4/27/10	HT

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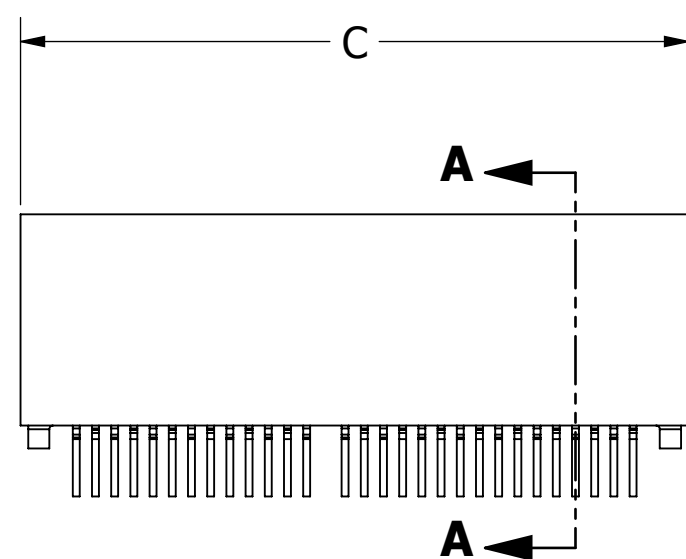
SULLINS CONNECTOR SOLUTIONS		
DESCRIPTION EDGE CARD, .050 CC, HP		
PART NUMBER A_B _ _ DHH _ -S1013		
SIZE C	DWG. NO. C10063	REV F
SCALE: 2:1		SHEET 1 OF 2

PART NUMBER	NO OF POS.	A ±.005[0.13]		B ±.005[0.13]		C ±.015[0.38]		D ±.010[0.25]		E ±.020[0.51]		F ±.010[0.25]	
		IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
A_B25DHH_-S1013	25	1.200	30.48	1.300	33.02	1.490	37.85	1.776	45.11	2.090	53.09	1.350	34.29
A_B30DHH_-S1013	30	1.450	36.83	1.550	39.37	1.740	44.2	2.026	51.46	2.340	59.44	1.600	40.64
A_B50DHH_-S1013*	50	2.450	62.23	2.550	64.77	2.740	69.6	3.026	76.86	3.340	84.84	2.600	66.04
A_B75DHH_-S1013	75	3.700	93.98	3.800	96.52	3.990	101.35	4.276	108.61	4.590	116.59	3.850	97.79

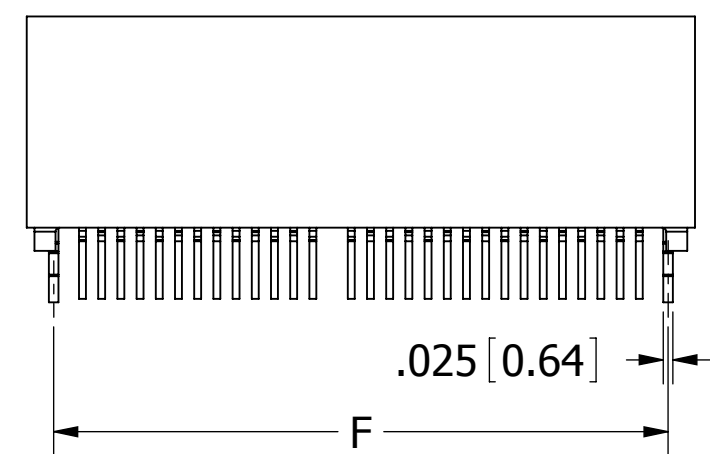
*Consult Factory For Availability



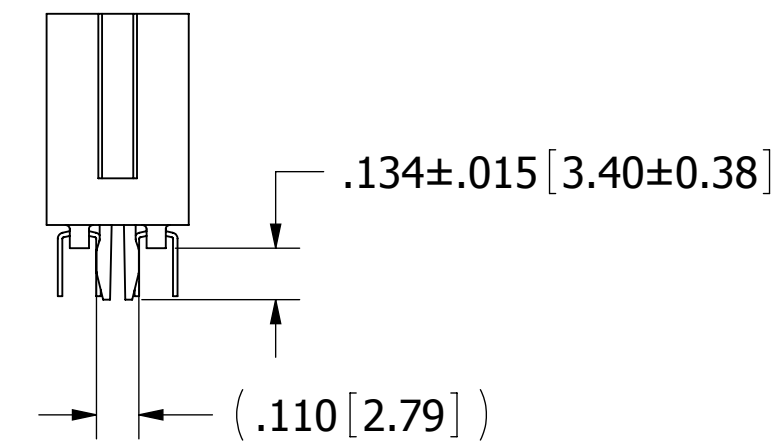
A_B__DHHT-S1013



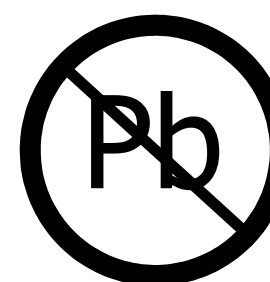
A_B__DHHN-S1013



A_B__DHHR-S1013



CUSTOMER COPY



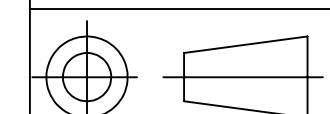
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C	C10063
REV	F



SCALE: 2:1 SHEET 2 OF 2