

NO<sup>-</sup>

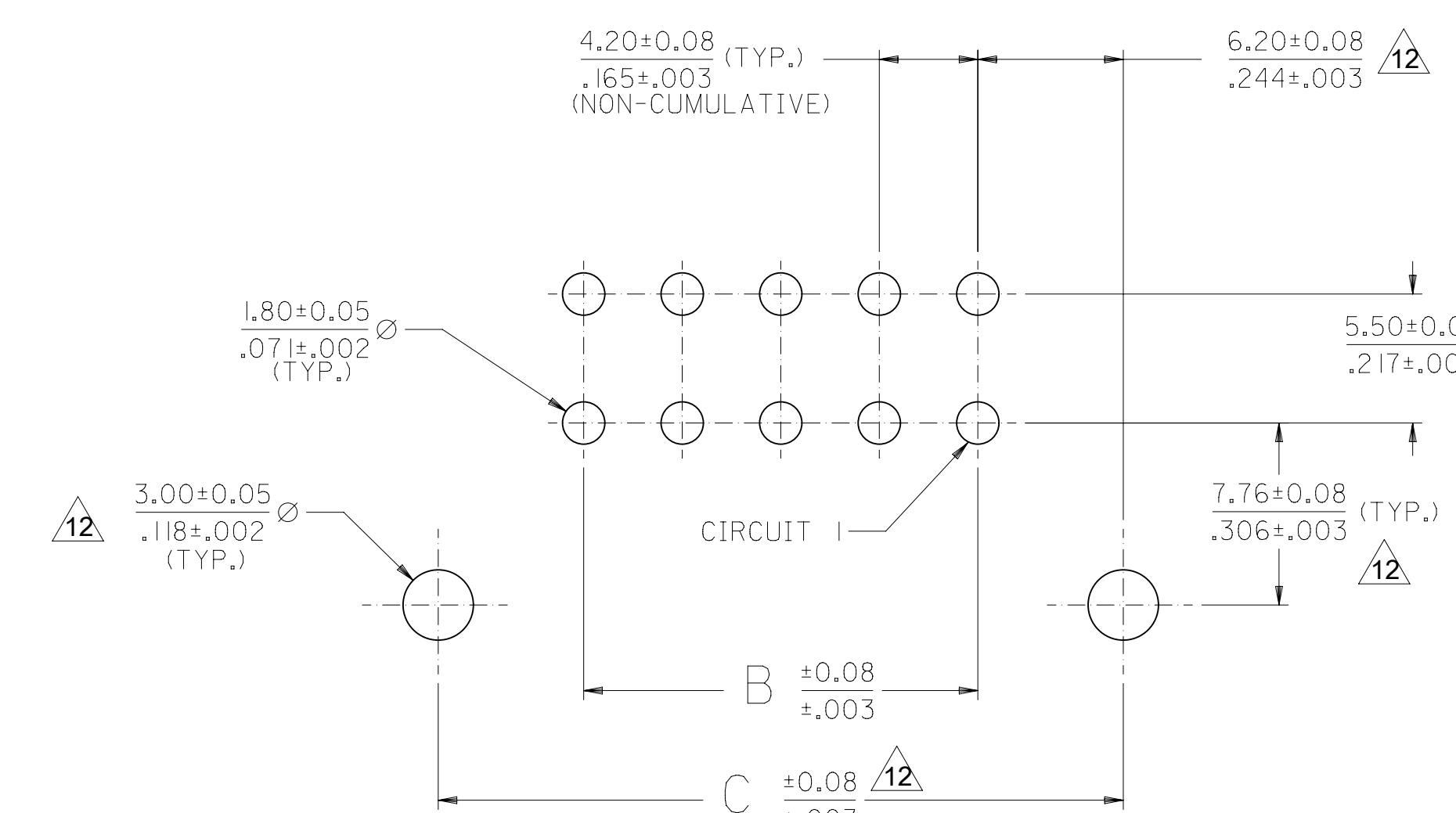
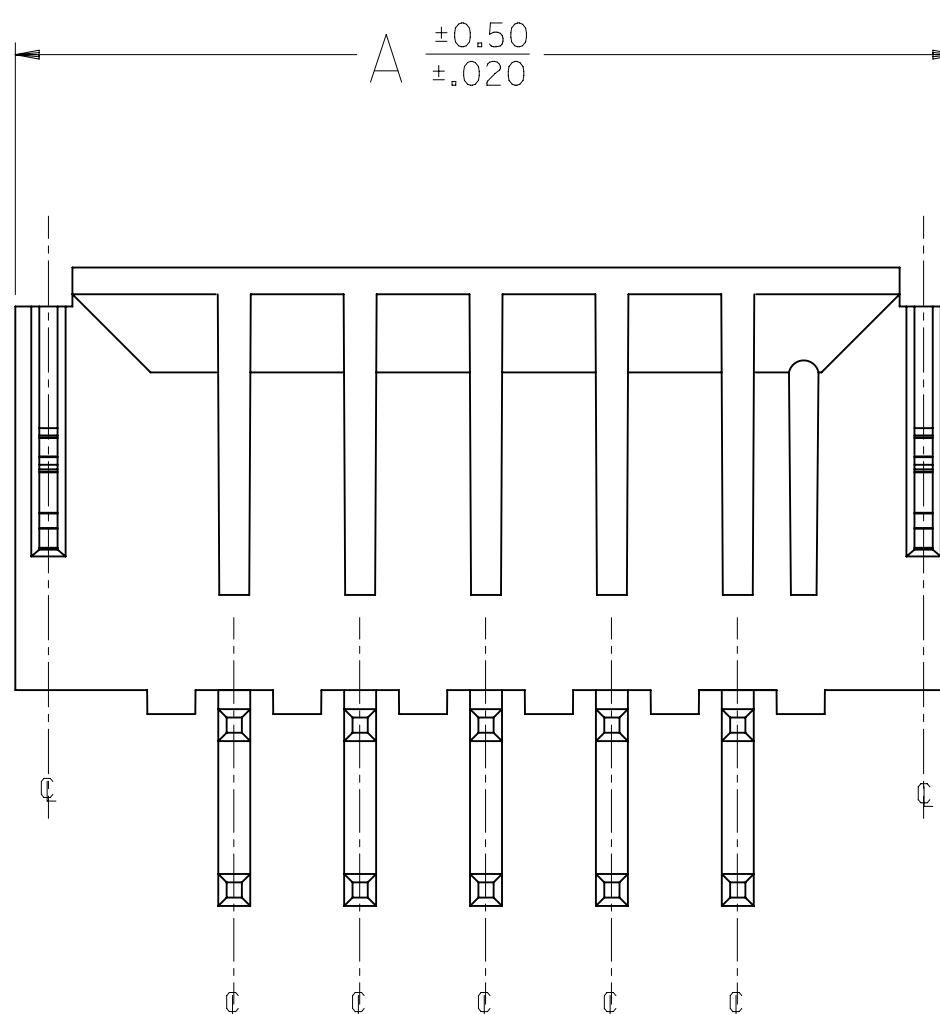
NOTES

1) MATERIALS  
HOUSING: NYLON 4/6 UL 94V-0 GLASS FILLED, COLOR: BLACK  
TERMINAL: BRASS  
BOARD RETENTION CLIP: BRASS

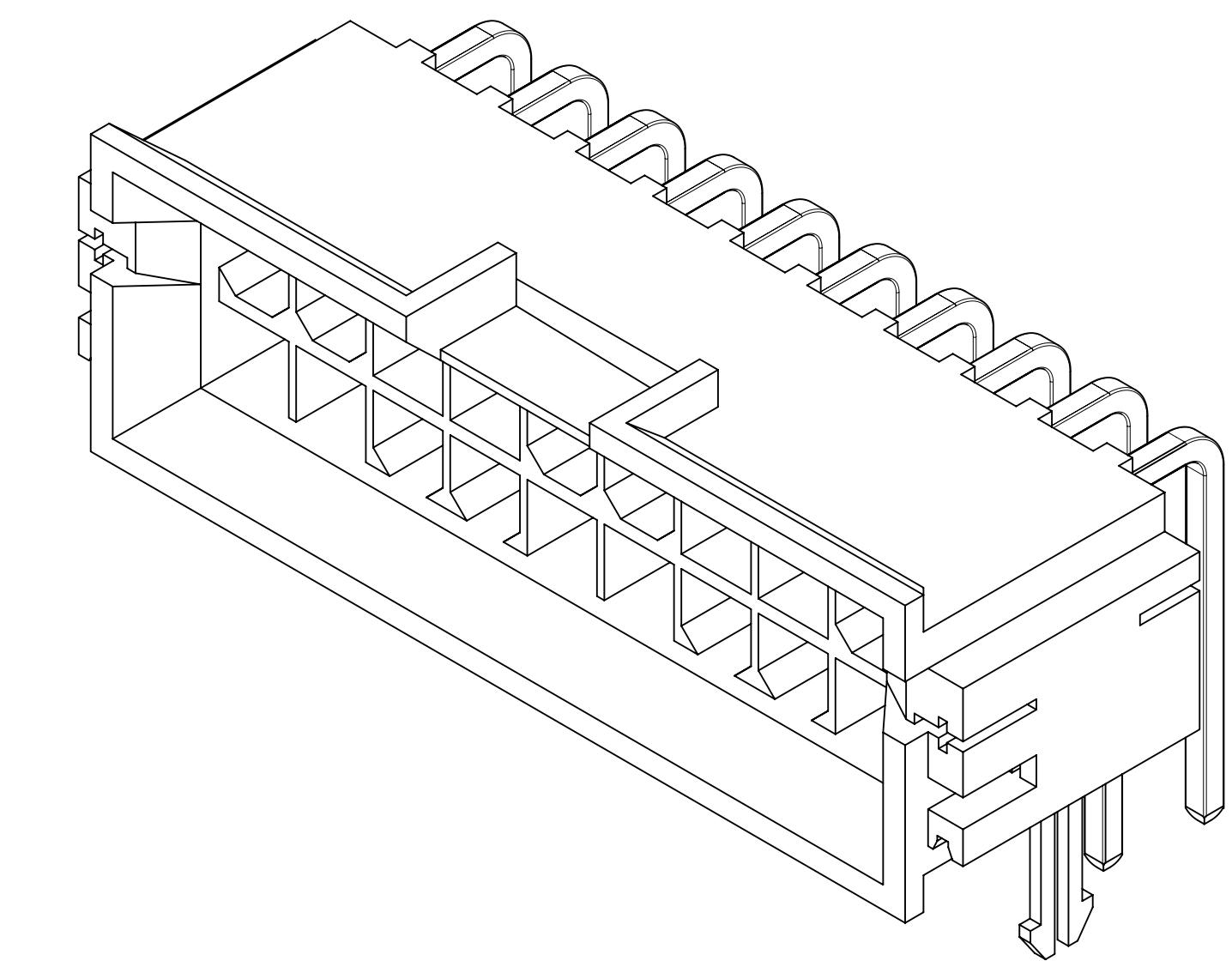
2) FINISHES:  
TERMINAL:  
1.=(0.00254)/.000100 MIN. BRIGHT TIN OVER  
(0.00127)/.000050 MIN. NICKEL  
2.=(0.00076)/.000030 MIN. SELECT GOLD AND  
(0.00254)/.000100 MIN. SELECT MATTE TIN  
OVER (0.00127)/.000050 MIN. NICKEL OVERALL

MOUNTING CLIP:  
(0.00254)/.000100 MIN. MATTE TIN OVER  
(0.00127)/.000050 MIN. NICKEL

3) PRODUCT SPECIFICATION: PS-43810-001  
4) PACKAGING SPECIFICATION: PK-43810-001  
5) PARTS MATES WITH MOLEX RECEPTACLE #5557 AND #42474 AND #44516 AND #42385 HEADER  
6) PART ALLOWS FOR (1.27)/.050 MAX MIS-ALIGNMENT WITH MATING HOUSINGS IN ANY DIRECTION  
7) CONNECTOR ASSEMBLIES ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE  
8) PARTS ARE NOT DESIGNED FOR CURRENT SHARING  
9) DISCOLORATION IN THE BANDOLIER CARRIER AREA OF THE PIN IS INHERENT TO THE PLATING  
PROCESS AND IS DUE TO THE MASKING EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A  
NON-FUNCTIONAL AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE HEADER ASSEMBLY.  
10) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002  
 11) FORMING MARKS ARE ACCEPTABLE  
12) DIMENSION DOES NOT APPLY TO PARTS WITHOUT CLIP OPTION.  
13) TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON  
PART NUMBER AND/OR TOOL.



# HEADER ASSEMBLY WITH NO CLIP OPTION



### 20 CKT SHOWN

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
		GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS MM/IN	SCALE 4:1	 <b>MINI-FIT JR BMI</b> <b>RIGHT ANGLE HEADER ASM. FOR 1.6/.063 THK. PCB</b> <b>PRODUCT CUSTOMER DRAWING</b> <b>SERIES</b> 43810 <b>MATERIAL NUMBER</b> SEE CHART <b>CUSTOMER</b> GENERAL MARKET <b>DOCUMENT NUMBER</b> SD-43810-011 <b>DOC TYPE</b> PSD <b>DOC PART</b> 000 <b> SHEET NUMBER</b> 1 OF 2												
2017/02/17	2017/04/18											2017/04/28	CONVERT TO NX				
													MM	INCH	DRWN BY	DATE	
4 PLACES	±											±	MANLAPAZ		1997/01/06		
3 PLACES	±											± 0.01	CHK'D BY	DATE			
2 PLACES	± 0.25											± 0.014	BANDURA		1997/03/26		
1 PLACES	± 0.35											±	APPR BY	DATE			
0 PLACES	±											±	FSMITH		2012/01/19		
ANGULAR TOL ± 0.5												DRAWING SIZE	THIRD ANGLE PROJECTION				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS												D					
EC NO: 114248	DRWN: BAPPELDORN	CHK'D: JBELL	APPR: FSMITH														
H1	REV																
6	5	4	3	2	1												

	19	18	17	16	15		
	MATERIAL NO.	CIRCUIT SIZE	CLIP OPTION	DIM. "A"	DIM. "B"	DIM. "C"	FINIS
L	43810-0001	4	YES	<u>18.81</u> .740	<u>4.20</u> .165	<u>16.60</u> .653	1
	43810-0002	6	YES	<u>23.01</u> .906	<u>8.40</u> .331	<u>20.80</u> .819	1
K	N 43810-0003	8	YES	<u>27.21</u> 1.071	<u>12.60</u> .496	<u>25.00</u> .984	1
	43810-0004	10	YES	<u>31.41</u> 1.237	<u>16.80</u> .661	<u>29.20</u> 1.150	1
J	N 43810-0005	12	YES	<u>35.61</u> 1.402	<u>21.00</u> .828	<u>33.40</u> 1.315	1
	43810-0006	14	YES	<u>39.81</u> 1.567	<u>25.20</u> .992	<u>37.60</u> 1.480	1
H	N 43810-0007	16	YES	<u>44.01</u> 1.733	<u>29.40</u> 1.157	<u>41.80</u> 1.646	1
	43810-0008	18	YES	<u>48.21</u> 1.898	<u>33.60</u> 1.323	<u>46.00</u> 1.811	1
G	N 43810-0009	20	YES	<u>52.41</u> 2.063	<u>37.80</u> 1.488	<u>50.20</u> 1.976	1
	43810-0010	22	YES	<u>56.61</u> 2.229	<u>42.00</u> 1.654	<u>54.40</u> 2.142	1
F	43810-0011	24	YES	<u>60.81</u> 2.394	<u>46.20</u> 1.819	<u>58.60</u> 2.307	1
	43810-0012	4	YES	<u>18.81</u> .740	<u>4.20</u> .165	<u>16.60</u> .653	2
G	43810-0013	6	YES	<u>23.01</u> .906	<u>8.40</u> .331	<u>20.80</u> .819	2
	N 43810-0014	8	YES	<u>27.21</u> 1.071	<u>12.60</u> .496	<u>25.00</u> .984	2
F	43810-0015	10	YES	<u>31.41</u> 1.237	<u>16.80</u> .661	<u>29.20</u> 1.150	2
	N 43810-0016	12	YES	<u>35.61</u> 1.402	<u>21.00</u> .828	<u>33.40</u> 1.315	2
F	43810-0017	14	YES	<u>39.81</u> 1.567	<u>25.20</u> .992	<u>37.60</u> 1.480	2
	N 43810-0018	16	YES	<u>44.01</u> 1.733	<u>29.40</u> 1.157	<u>41.80</u> 1.646	2
F	43810-0019	18	YES	<u>48.21</u> 1.898	<u>33.60</u> 1.323	<u>46.00</u> 1.811	2
	N 43810-0020	20	YES	<u>52.41</u> 2.063	<u>37.80</u> 1.488	<u>50.20</u> 1.976	2
F	N 43810-0021	22	YES	<u>56.61</u> 2.229	<u>42.00</u> 1.654	<u>54.40</u> 2.142	2
	43810-0022	24	YES	<u>60.81</u> 2.394	<u>46.20</u> 1.819	<u>58.60</u> 2.307	2

E N = NOT TOOLED

	14	13	12	11	10		
	MATERIAL NO.	CIRCUIT SIZE	CLIP OPTION	DIM. "A"	DIM. "B"	DIM. "C"	FINISH
	43810-0199	4	NO	18.81 .740	4.20 .165	16.60 .653	1
	43810-0200	6	NO	23.01 .906	8.40 .331	20.80 .819	1
N	43810-0201	8	NO	27.21 1.071	12.60 .496	25.00 .984	1
	43810-0202	10	NO	31.41 1.237	16.80 .661	29.20 1.150	1
N	43810-0203	12	NO	35.61 1.402	21.00 .828	33.40 1.315	1
	43810-0204	14	NO	39.81 1.567	25.20 .992	37.60 1.480	1
N	43810-0205	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	1
	43810-0206	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	1
N	43810-0207	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	1
N	43810-0208	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	1
	43810-0209	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	1
	43810-0210	4	NO	18.81 .740	4.20 .165	16.60 .653	2
	43810-0211	6	NO	23.01 .906	8.40 .331	20.80 .819	2
N	43810-0212	8	NO	27.21 1.071	12.60 .496	25.00 .984	2
	43810-0213	10	NO	31.41 1.237	16.80 .661	29.20 1.150	2
N	43810-0214	12	NO	35.61 1.402	21.00 .828	33.40 1.315	2
	43810-0215	14	NO	39.81 1.567	25.20 .992	37.60 1.480	2
N	43810-0216	16	NO	44.01 1.733	29.40 1.157	41.80 1.646	2
	43810-0217	18	NO	48.21 1.898	33.60 1.323	46.00 1.811	2
N	43810-0218	20	NO	52.41 2.063	37.80 1.488	50.20 1.976	2
N	43810-0219	22	NO	56.61 2.229	42.00 1.654	54.40 2.142	2
	43810-0220	24	NO	60.81 2.394	46.20 1.819	58.60 2.307	2

N = NOT TOOLE

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<b>QUALITY SYMBOLS</b>  = 0  = 0  = 0  = 0  = 0  = 0  = 0  = 0	 <b>MINI-FIT JR BMI</b> RIGHT ANGLE HEADER ASM. FOR 1.6/.063 THK. PCB															
	EC NO: 114248 DRWN: BAPPELDORN CHKD: JBEILL APPR: FSMITH		GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION UNITS		SCALE		<b>PRODUCT CUSTOMER DRAWING</b> SERIES   MATERIAL NUMBER   CUSTOMER 43810   SEE CHART   GENERAL MARKET						
						MM/IN		1:1								
			MM		INCH		DRWN BY		DATE							
			4 PLACES		±		MANLAPAZ		1997/01/06							
			3 PLACES		±		CHK'D BY		DATE							
			2 PLACES		± 0.25		BANDURA		1997/03/26							
			1 PLACES		± 0.35		APPR BY		DATE							
			0 PLACES		±		FSMITH		2012/01/19							
ANGULAR TOL ± 0.5				DRAWING SIZE	THIRD ANGLE PROJECTION											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					 											
<b>H1</b> REV		DOCUMENT NUMBER <b>SD-43810-011</b>						DOC TYPE	DOC PART	SHEET NUMBER <b>2 OF 2</b>						
		6	5	4	3	2	1									