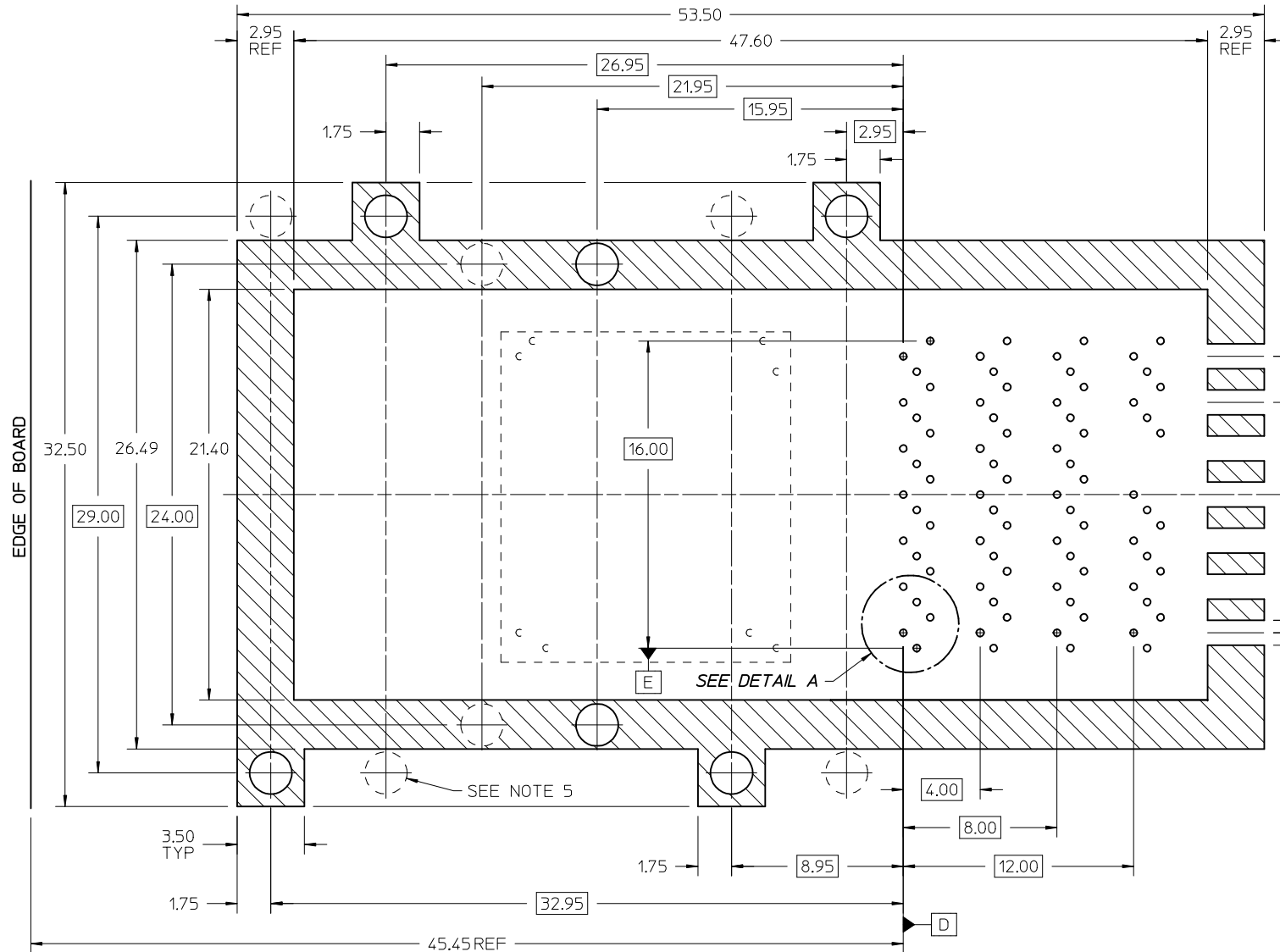
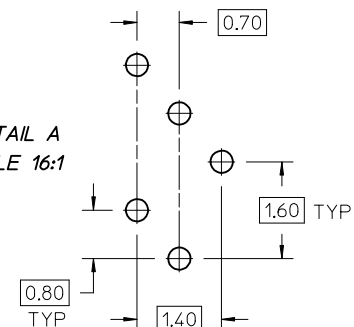


EDGE OF BOARD

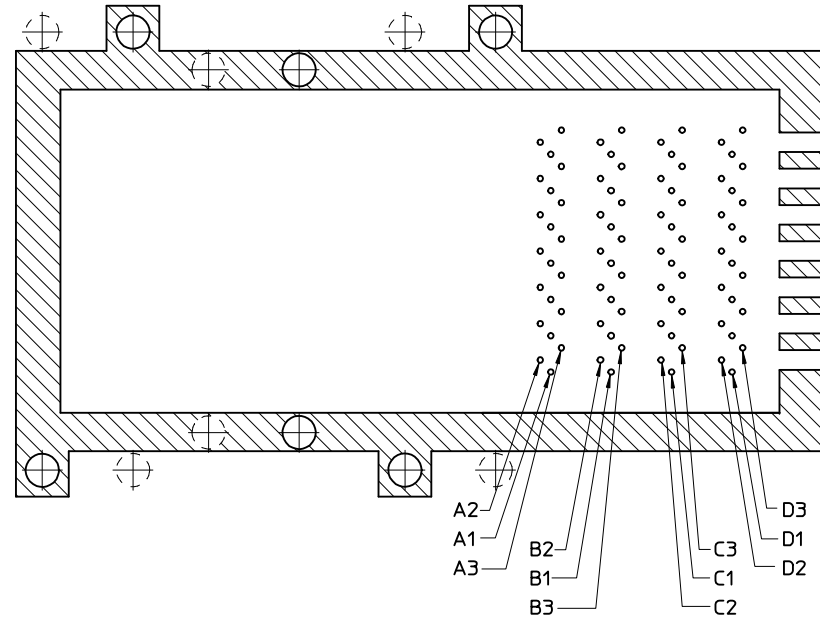
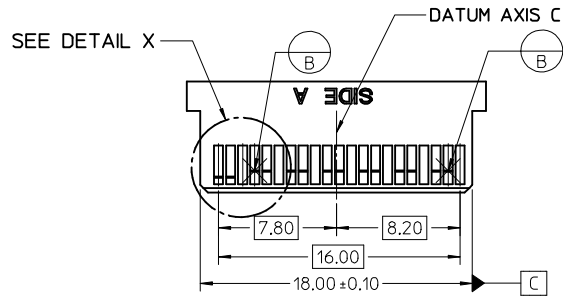
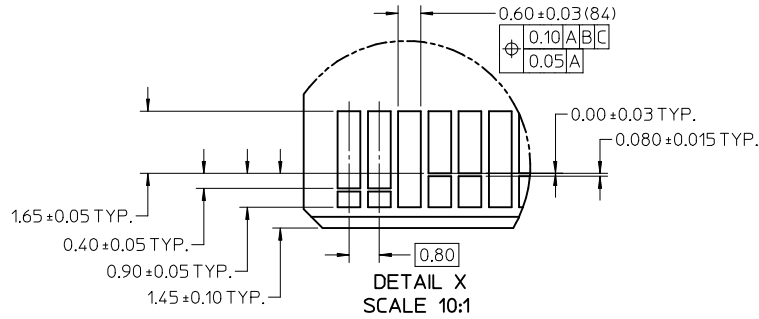
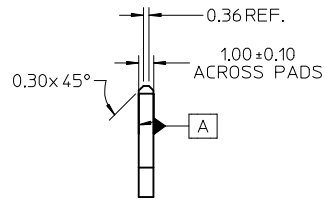
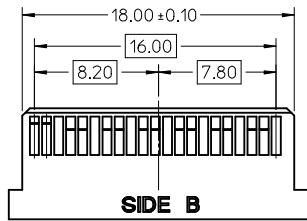
DETAIL A
SCALE 16:1RECOMMENDED PCB LAYOUT
COMPONENT SIDE SHOWN

PCB THICKNESS: 1.44mm MIN.

NOTES:

- CROSS-HATCHED AREA TO BE CONDUCTIVE ON THE PCB.
- CROSS-HATCHED AREA MUST BE INCORPORATED IN THE FLAT ROCK PRESS-FIT TOOLING.
- REFER TO THE PLATING DETAIL OF THE COMPLIANT PIN HOLES IN THE APPLICATION SPEC AS-170465-0002 FOR THE DRILL SIZE AND ANNULAR RING FOR THE 0.37 ϕ FINISHED HOLE.
- MINIMUM RECOMMENDED SPACING: 29.00
- FEATURES IN PHANTOM LINES ARE RELATED FOR USE WITH CONNECTOR ASSEMBLY SERIES 170501 FOR GANGED SIDE BY SIDE AND BELLY TO BELLY APPLICATIONS.
- NO SIGNAL ROUTING ON TOP LAYER.

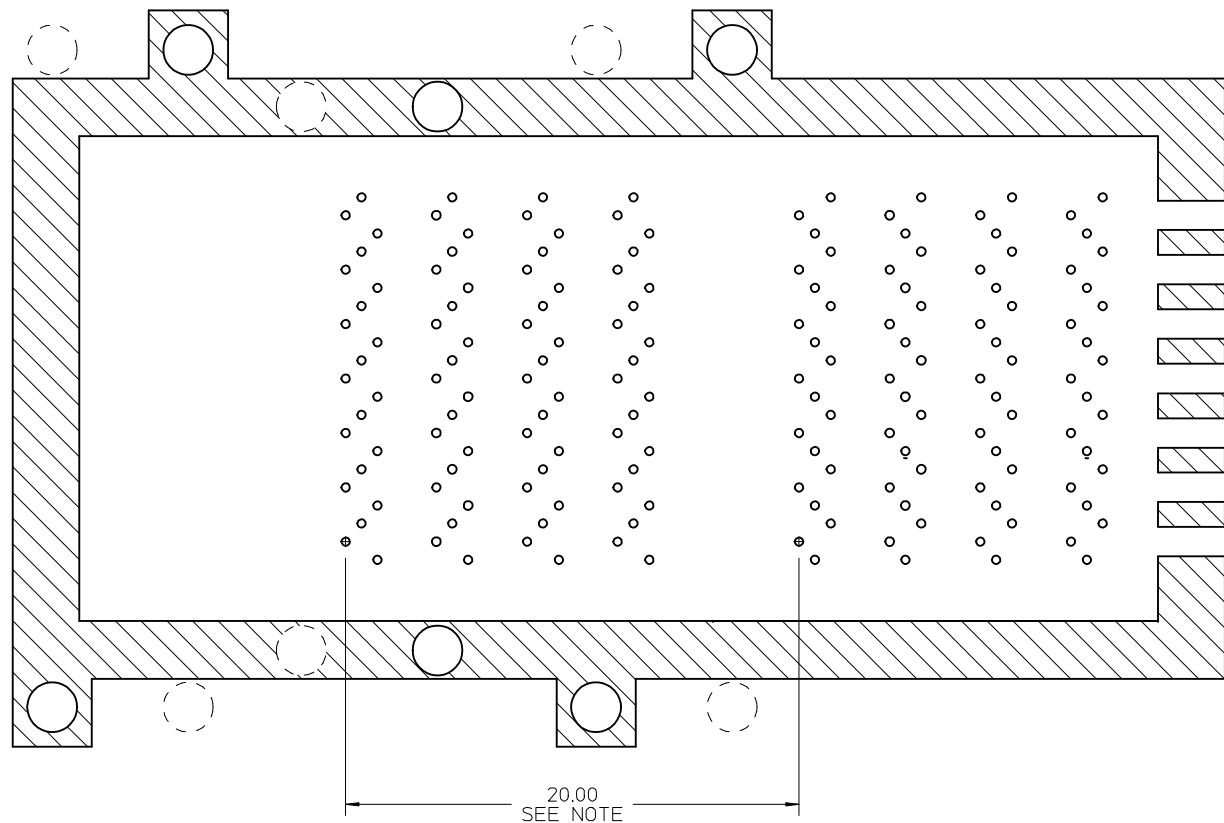
SE SHEET 1 EC NO: UCP2013-2408 C2	2012/12/12 2012/12/12 2012/12/18	DESCRIPTION CHKD:MBANAKIS APPR:MBANAKIS	REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 6:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
							DRAWN BY JLONG		DATE 2010/06/03	TITLE IPASS+ CXP EF EXTENDED 84 CIRCUIT, 0.8MM I/O			
							CHECKED BY JLONG		DATE 2010/06/03				
							APPROVED BY MBANAKIS		DATE 2012/12/18				
							MATERIAL NO. 1705020001		DOCUMENT NO. SD-170502-0001				
							SHEET NO. 2 OF 5						
					ANGULAR ±1/2°		MOLEX		MOLEX INCORPORATED				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



NOTES:

- 0.03 MINIMUM KEEP OUT FOR SOLDER MASK AROUND ALL PADS
- DATUM B TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTER LINES AND THE LEADING EDGE OF THE TARGET PADS

SEE SHEET 1 EC NO: UCP2013-2408 2012/12/12 DRWNG:GRATT CHKD:MBANAKIS 2012/12/12 APPR:MBANAKIS 2012/12/18	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE IPASS+ CXP EF EXTENDED 84 CIRCUIT, 0.8MM I/O		
					mm	INCH	DRAWN BY JLONG	DATE 2010/06/03					
				4 PLACES	± ---	± ---	CHECKED BY JLONG	DATE 2010/06/03					
				3 PLACES	± ---	± ---							
				2 PLACES	± 0.25	± ---							
				1 PLACE	± ---	± ---							
				ANGULAR ±1/2°			APPROVED BY MBANAKIS	DATE 2012/12/18	molex MOLEX INCORPORATED				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. 1705020001		DOCUMENT NO. SD-170502-0001			SHEET NO. 3 OF 5	
							THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



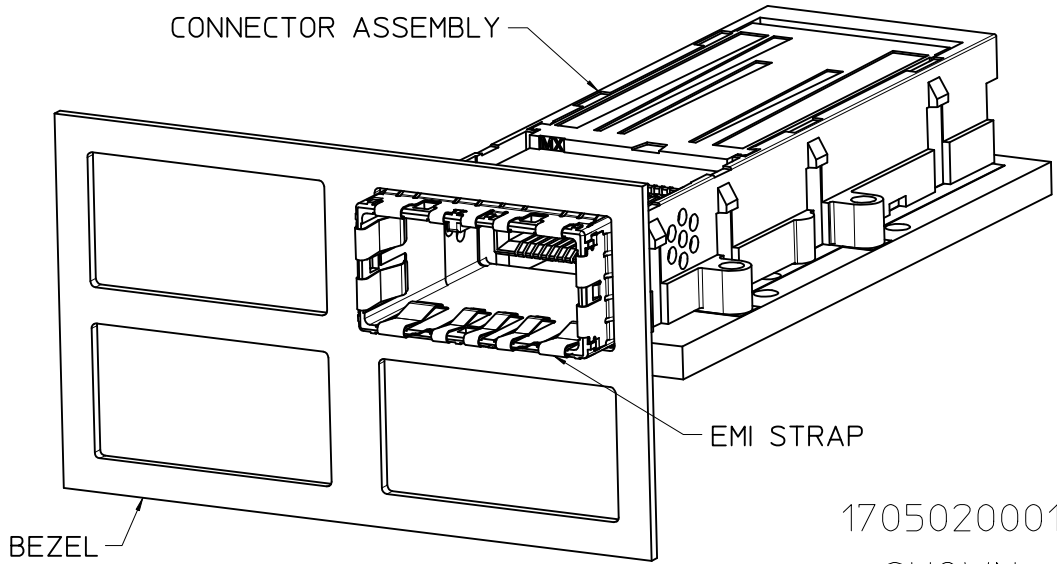
NOTE:

1. WHEN USED WITH CONNECTOR SERIES 170501
VIA PATTERN WILL APPEAR AS SHOWN.

SEE SHEET 1 EC NO: UCP2013-2408 2012/12/12 DRWNG:GRATT CHKD:MBANAKIS 2012/12/12 APPR:MBANAKIS 2012/12/18 C2	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DIMENSION STYLE MM ONLY		SCALE 6:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IPASS+ CXP EF EXTENDED 84 CIRCUIT, 0.8MM I/O					
					DRAWN BY DATE JLONG 2010/06/03		MOLEX MOLEX INCORPORATED								
					CHECKED BY DATE JLONG 2010/06/03										
					APPROVED BY DATE MBANAKIS 2012/12/18										
					MATERIAL NO. 1705020001						DOCUMENT NO. SD-170502-0001		SHEET NO. 4 OF 5		
					SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

13 12 11 10 9 8 7 6 5 4 3 2 1

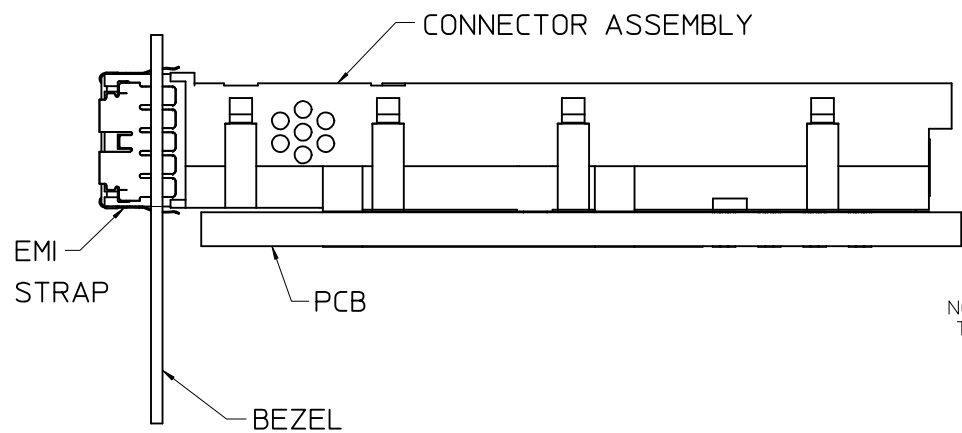
J
I
H
G
F
E
D
C
B
A



1705020001
SHOWN

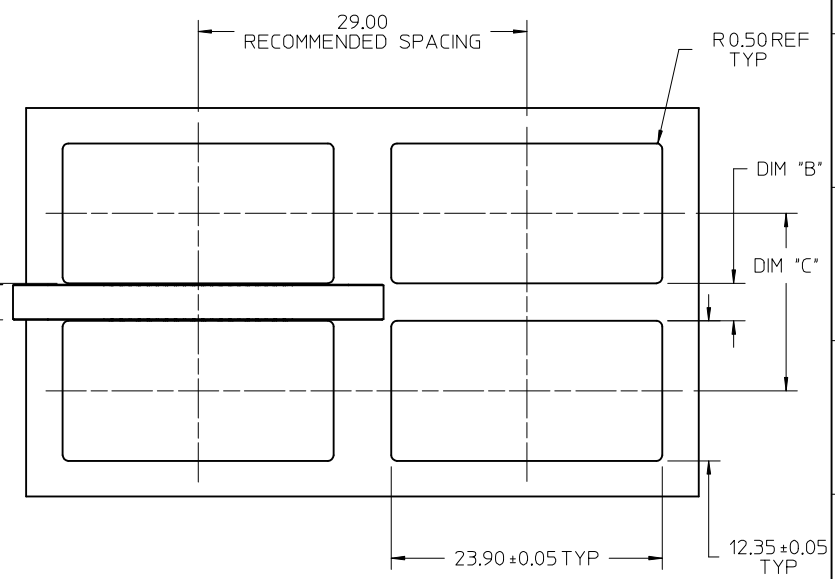
DIM "A"	DIM "B"	DIM "C"	MINIMUM PCB
3.10	3.32	15.67	10% NOM THK
1.60	1.82	14.17	1.44
2.80	3.02	15.37	10% NOM THK

NOTE: WITH 1.44 MINIMUM PCB THICKNESS, WILL NOT SUPPORT PLUGS WITH GREATER THAN 28 AWG CABLE.



0.12 ABOVE
NOMINAL PCB

DIM "A"
NOMINAL PCB
THICKNESS



12 11 10 9 8 7 6 5 4 3 2 1

SEE SHEET 1

EC NO: UCP2013-2408

2012/12/12

DRWNG:GRATT

2012/12/12

CHKD:MBANAKIS

2012/12/12

APPR:MBANAKIS

2012/12/18

REV

C2

DESCRIPTION

QUALITY SYMBOLS

▽=0

▽=0

▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.25	± ---
1 PLACE	± ---	± ---

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY

JLONG

DATE

2010/06/03

CHECKED BY

JLONG

DATE

2010/06/03

APPROVED BY

MBANAKIS

DATE

2012/12/18

MATERIAL NO.

1705020001

SIZE

C

SCALE

3:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

IPASS+ CXP EF EXTENDED
84 CIRCUIT, 0.8MM I/O

MOLEX INCORPORATED

DOCUMENT NO.

SD-170502-0001

SHEET NO.

5 OF 5

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