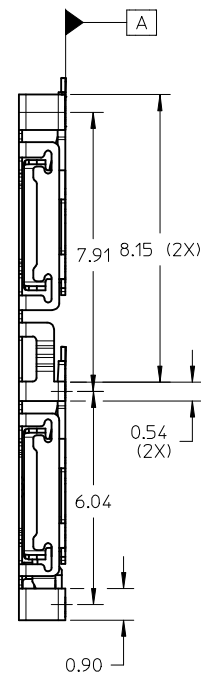
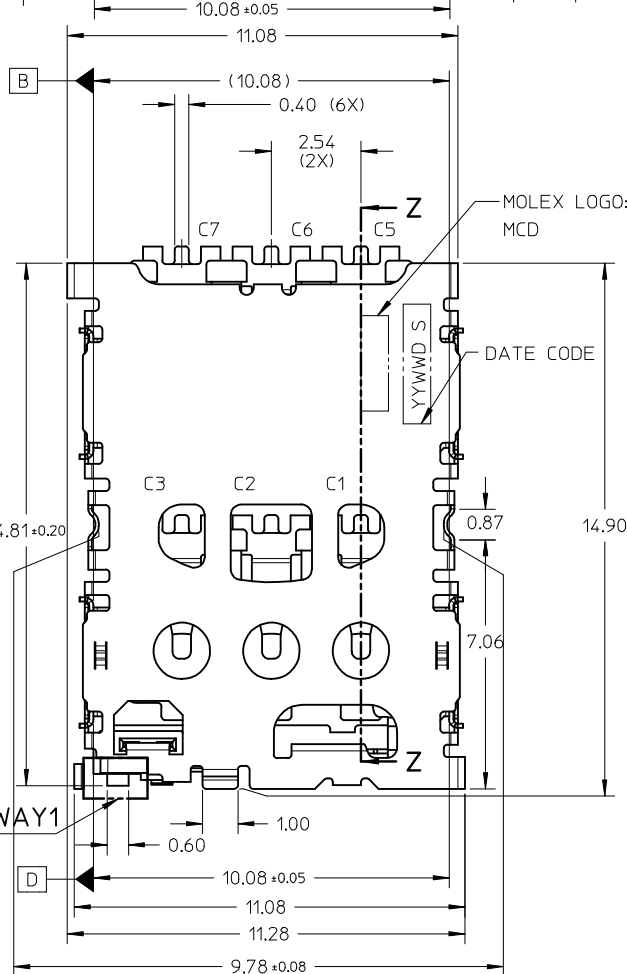
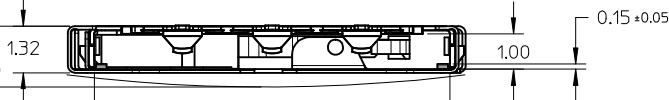


△ (1.50MAX)
(WITH MAXIMUM CARD)



NOTES:

1. MATERIALS:

1.1 CONNECTOR:-

INSERT MOLD HOUSING: LCP, GLASS FILLED, UL94V-0,
COLOUR BLACK.

TERMINAL: TITANIUM COPPER, THICKNESS: 0.12MM

DETECT PIN: TITANIUM COPPER, THICKNESS: 0.12MM

SHELL: STAINLESS STEEL, THICKNESS: 0.10MM

2. PLATING FINISHES:

2.1 TERMINAL:-

CONTACT: 0.38um MIN. GOLD ON CONTACT AREA OVER 2.00um MIN.
NICKEL UNDERPLATE.

SOLDERTAIL: 0.025um MIN. GOLD FLASH OVER 2.00um MIN. NICKEL
UNDERPLATE.

2.2 SHELL:-

CONTACT: 0.05um MIN. GOLD ON CONTACT AREA OVER 2.00um MIN.
NICKEL UNDERPLATE.

SOLDERTAIL: 0.025um MIN. GOLD FLASH OVER 2.00um MIN. NICKEL
UNDERPLATE.

2.3 DETECT PIN:-

CONTACT: 0.127um MIN. GOLD ON CONTACT AREA OVER 2.00um MIN.
NICKEL UNDERPLATE.

SOLDERTAIL: 1.27um MIN. MATTE TIN OVER 2.00um MIN. NICKEL
UNDERPLATE.

3. PRODUCT SPECIFICATION: PS-151073-0001

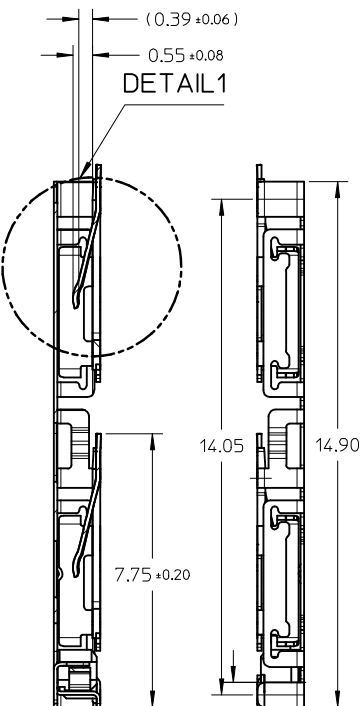
4. PACKAGING SPECIFICATION: PK-151073-0001

5. OVERALL (SOLDERTAIL & SOLDERTAB) COPLANARITY 0.08MM MAX. BEFORE REFLOW.

6. CONNECTOR TO BE USED TOGETHER WITH MOLEX NANO SIM CARD TRAY ONLY.

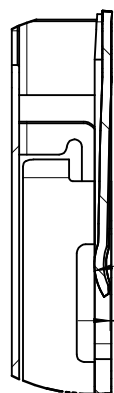
△. DIMENSION INCLUSIVE OF BULGE

THIS DESIGN IS BASED ON DESIGN OBJECTIVES
AND IS STRICTLY TENTATIVE. IT MAY CHANGE
BASED ON RESULTS OF ADDITIONAL DESIGN
REVIEWS & VERIFICATIONS.



SECTION Z-Z

CUTAWAY1



DETAIL1

FULLY-DEFLECTED
TERMINAL

(0.02)

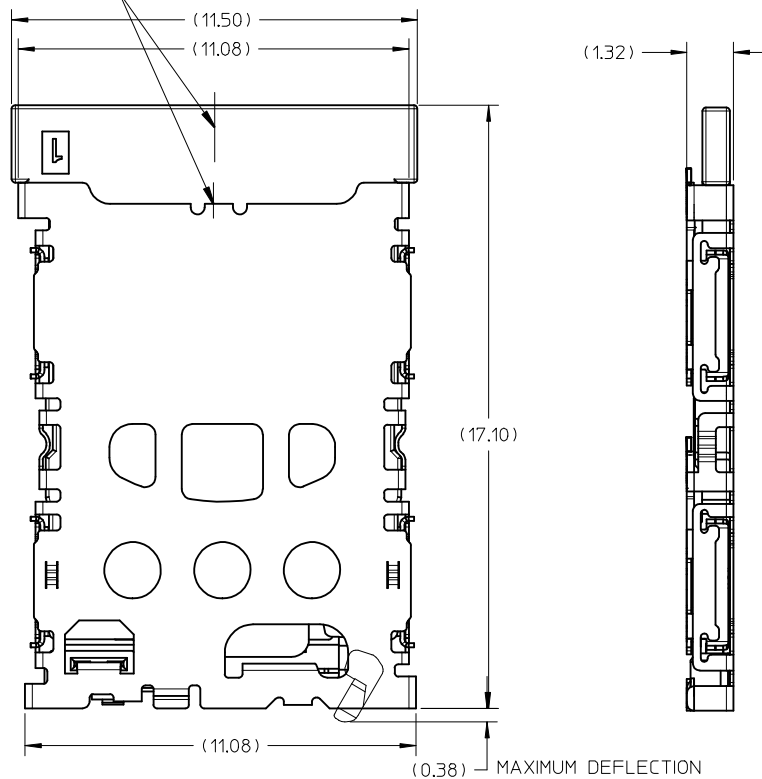
CHANGE DECIMAL SHEETS	EC NO: S2016-0055	DRWNS: SCHEONG	CHKD: GMENARLY	APPR: KHL IM	REV	DESCRIPTION	QUALITY SYMBOLS
13							

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES	± 0.100 ± ---
3 PLACES	± --- ± ---
2 PLACES	± 0.10 ± ---
1 PLACE	± --- ± ---
0 PLACE	± --- ± ---
ANGULAR ± 3 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

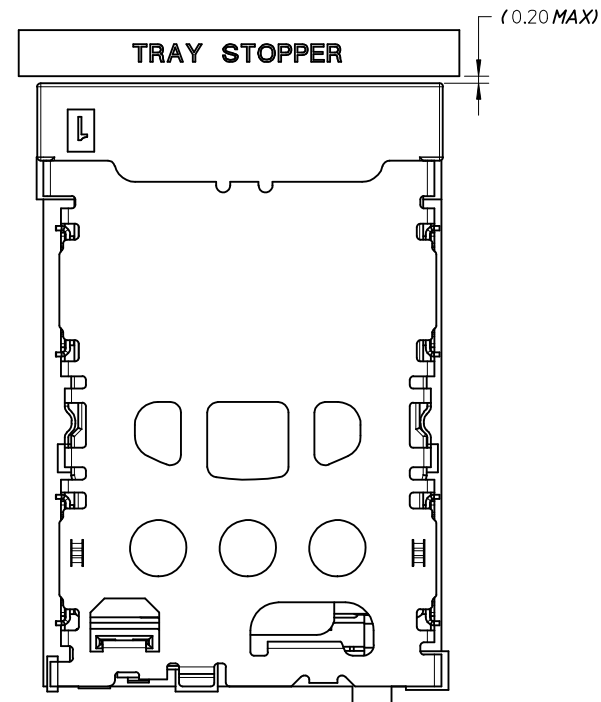
DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
SCHEONG	2014/07/16
CHECKED BY	DATE
GMENARLY	2015/03/10
APPROVED BY	DATE
KHL IM	2015/03/12
MATERIAL NO.	
SEE TABLE	
SIZE	
A3	

SCALE	DESIGN UNITS		THIRD ANGLE
NTS	METRIC		PROJECTION
TITLE			
NANO SIM CONNECTOR 1.32MM HEIGHT WITH TRAY AND DETECT PIN			
molex			
DOCUMENT NO.		SHEET NO.	
SD-151073-0001		1 OF 3	

CENTRE LINES OF TRAY AND CONNECTOR OPENING ARE THE SAME



CONNECTOR WITH TRAY



SYSTEM LEVEL

DESCRIPTION	PART NUMBER
CONNECTOR	151073-1000
NANO SIM CARD TRAY	151073-0011 (WITHOUT RETENTION FEATURES)
	151073-0030 (WITH RETENTION FEATURES)

CARD INSERTION STATE	DETECT SWITCH CIRCUIT STATE	SCHEMATIC
CARD MATED	OPENED	
CARD UNMATED	CLOSED	

CHANGE DECIMAL 8 SHEET 3
EC NO: S2016-0055
DRWN: SCHEONG 2015/07/01
CHKD: GMENARLY 2015/07/30
APPR: KHL IM 2015/08/05
REV 13

QUALITY SYMBOLS	DESCRIPTION
$F_A=0$	
$F_G=0$	
$F_P=0$	

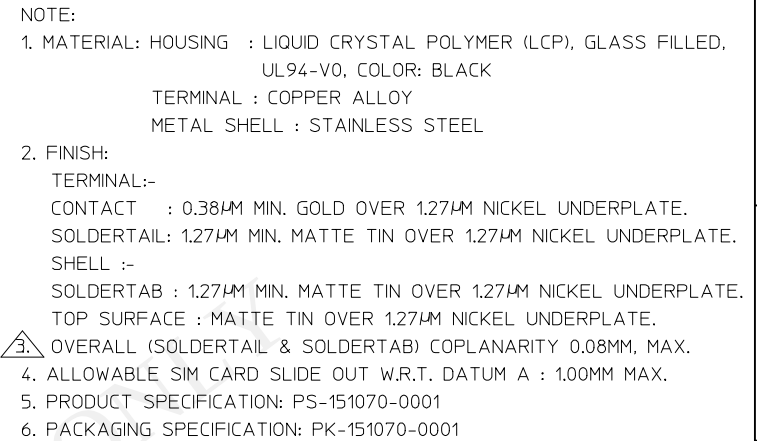
GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± 0.100	$\pm \text{---}$
3 PLACES	$\pm \text{---}$	$\pm \text{---}$
2 PLACES	± 0.10	$\pm \text{---}$
1 PLACE	$\pm \text{---}$	$\pm \text{---}$
0 PLACE	$\pm \text{---}$	$\pm \text{---}$
ANGULAR $\pm 3^\circ$		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
SCHEONG	2014/07/16
CHECKED BY	DATE
GMENARLY	2015/03/10
APPROVED BY	DATE
KHL IM	2015/03/12
MATERIAL NO.	
SEE TABLE	
SIZE	A3

SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE	
			NANO SIM CONNECTOR 1.32MM HEIGHT WITH TRAY AND DETECT PIN	
			molex	
			DOCUMENT NO.	SHEET NO.
			SD-151073-0001	2 OF 3

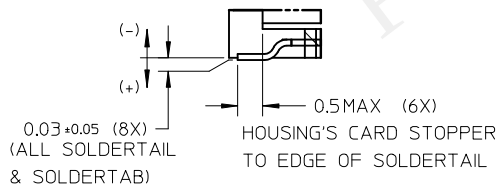


RECOMMENDED PWB LAYOUT
(NON SOLDER MASK DEFINE PWB)
PWB TOLERANCE: ±0.05MM



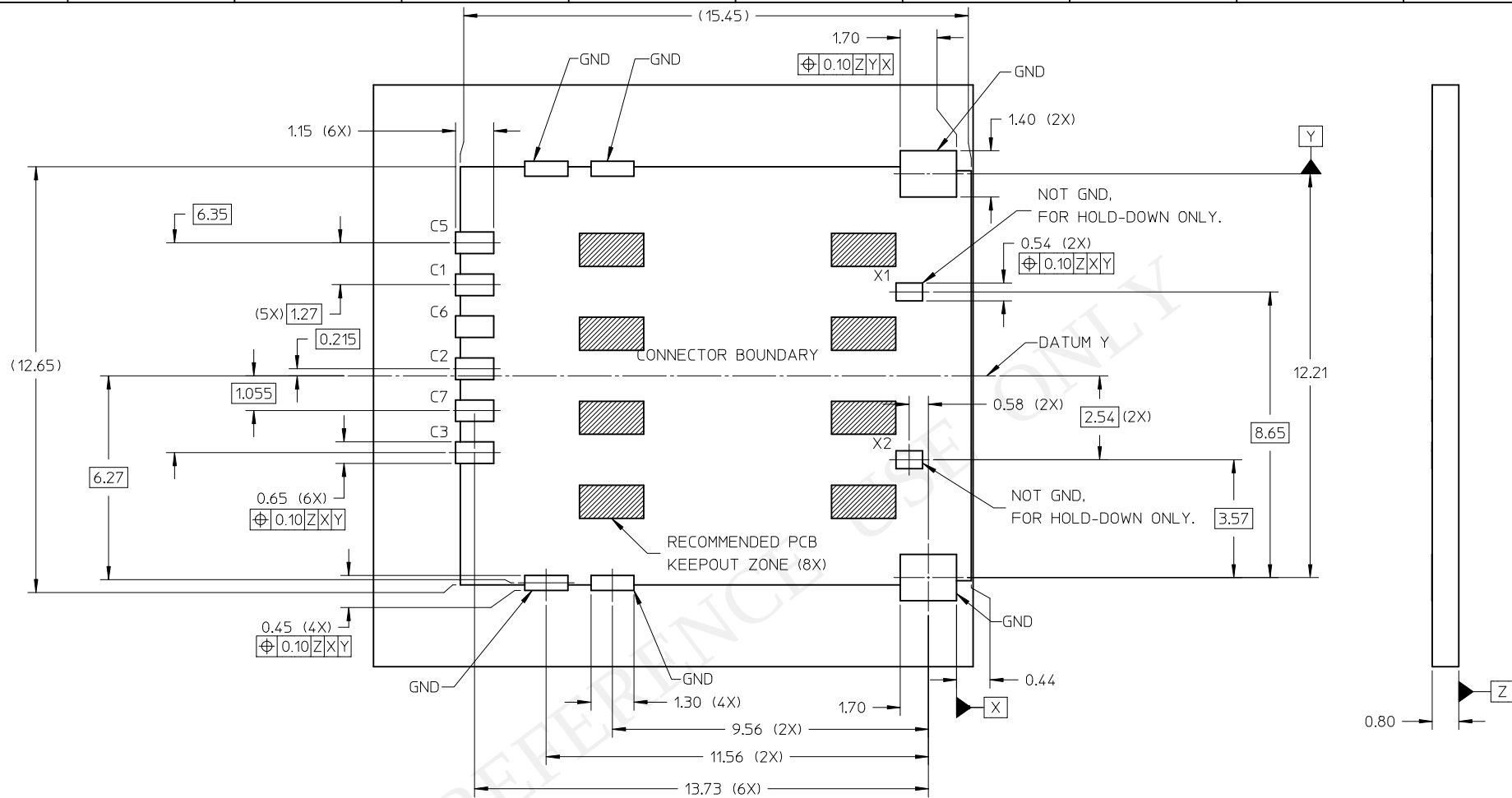
THIS DESIGN IS BASED ON DESIGN OBJECTIVES
AND IS STRICTLY TENTATIVE. IT MAY CHANGE
BASED ON RESULTS OF ADDITIONAL DESIGN
REVIEWS AND VERIFICATIONS.

THIS DOCUMENT IS FOR REFERENCE ONLY.



DETAIL 1

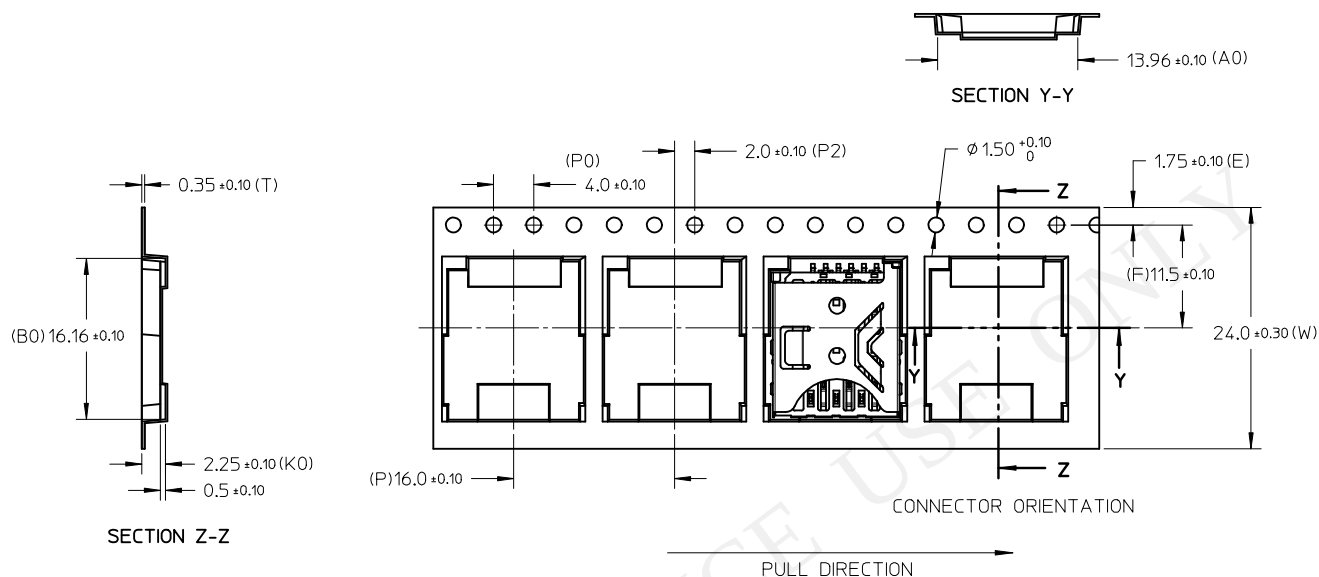
REVISED	EC NO: 01 DRAWN: SCHEONG CHKD: APPR:	2014/10/09	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION																		
					 =0  =0  =0	<table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± 0.20</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr><tr><td>0 PLACE</td><td>±</td><td>±</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.20	± ---	1 PLACE	± ---	± ---	0 PLACE	±	±	DRAWN BY SCHEONG	DATE 2014/05/21	TITLE SALES DRAWING MICRO SIM CONNECTOR 1.45MM HEIGHT, PUSH PULL			
							mm	INCH																						
						4 PLACES	± ---	± ---																						
3 PLACES	± ---	± ---																												
2 PLACES	± 0.20	± ---																												
1 PLACE	± ---	± ---																												
0 PLACE	±	±																												
	CHECKED BY	DATE	APPROVED BY				DATE																							
ANGULAR ± 3 °											MATERIAL NO. 151070-0001		DOCUMENT NO. SD-151070-0001				SHEET NO. 1 OF 3													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																									



RECOMMENDED PCB LAYOUT
PWB TOLERANCE : ±0.05MM

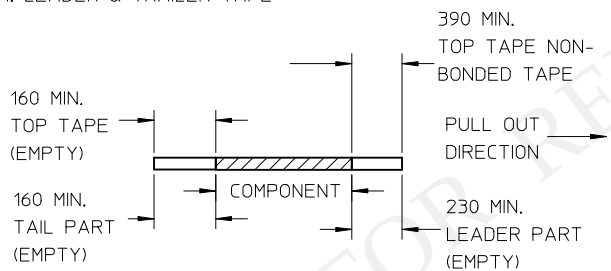
REVISED	EC NO: 5	DRWN:SCHEONG CHKD: APPR:	2014/10/09	DESCRIPTION REV	QUALITY SYMBOLS
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PACKAGING INFORMATION

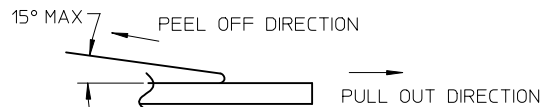


NOTES :

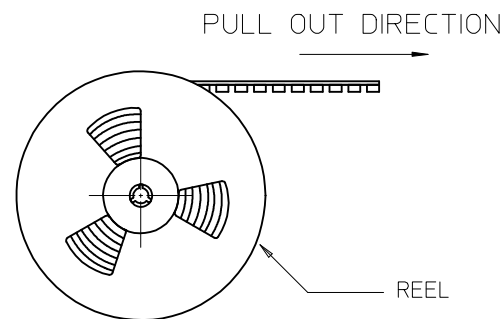
1. LEADER & TRAILER TAPE



2. PEELING OFF FORCE OF THE TOP TAPE : 20-80gf.
(PEELING DIRECTION AS SHOWN IN THE FOLLOWING FIGURE)



3. TAPE & REEL SPECIFICATION IS AS PER EIA-481.
4. TAPE & REEL QTY. : 1500PCS / REEL.
5. THE TAPE IS TREATED FOR ANTI-STATIC.



REVISED		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
IEC NO: S2015-0253		DESCRIPTION		mm		MM ONLY		NTS		METRIC			
2014/10/09		DRAWN: SCHEONG		4 PLACES		DRAWN BY		DATE		TITLE			
5		CHKD: SCHEONG		3 PLACES		SCHEONG		2014/05/21		SALES DRAWING			
		APPR: SCHEONG		2 PLACES		CHECKED BY		DATE		MICRO SIM CONNECTOR			
				1 PLACE		APPROVED BY		DATE		1.45MM HEIGHT, PUSH PULL			
				0 PLACE		MATERIAL NO.		151070-0001		DOCUMENT NO.		SD-151070-0001	
				ANGULAR ± 3 °		SIZE		A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								3 OF 3	