

# NOTES :

## 1- MATERIAL:

-HOUSING: LCP FIBER GLASS FILLED UL 94-V0  
COLOR BLACK.

-TERMINAL: TIN BRASS.

## PLATING 2:

POST PLATE (0.00127-0.00152)/.000050-.000060 GOLD IN  
CONTACT AREA. (0.00190)/.000075 MIN. PURE TIN IN TAIL  
AREA BOTH OVER (0.00127)/.000050 MIN. NICKEL OVERALL.

## PLATING 7: ONLY ON REQUEST

POST PLATE 0.00005/.000002 MIN GOLD OVER 0.000763  
.000030 MIN PALLADIUM NICKEL IN CONTACT AREA.

0.00190/.000075 MIN PURE TIN IN TAIL AREA. BOTH  
OVER 0.00127/.000050 MIN NICKEL OVERALL:

2- JACK FOR MATING WITH F.C.C. 68 PLUGS  
90075 MOLEX SERIES.

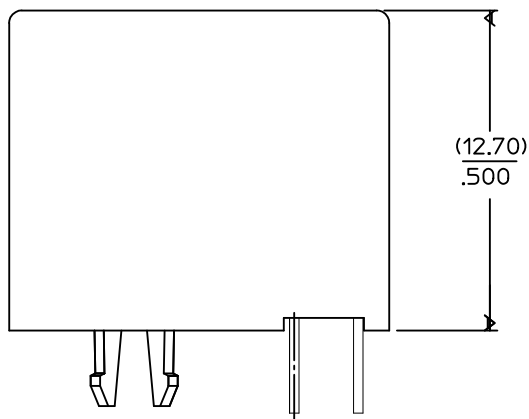
3- PRODUCT SPECIFICATION PS-95503-001

4- PACKAGING SPECIFICATION:

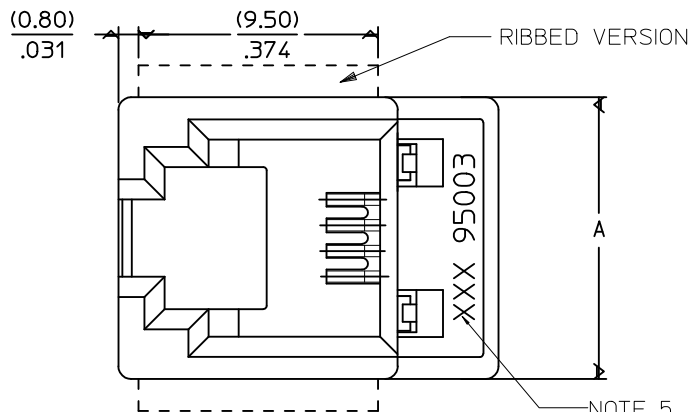
- STANDARD PACKAGING PK-95003 SHEET 1.
- TUBE PACKAGING FOR SMT VERSION PK-95003 SHEET 2.
- TUBE PACKAGING FOR THROUGH HOLE VERSION  
PK-95003 SHEET 3.
- TAPE AND REEL PACKAGING FOR THROUGH HOLE PK-95503-001.

5- MANUFACTURING I.D. CAN BE MXF, MG OR MXI.

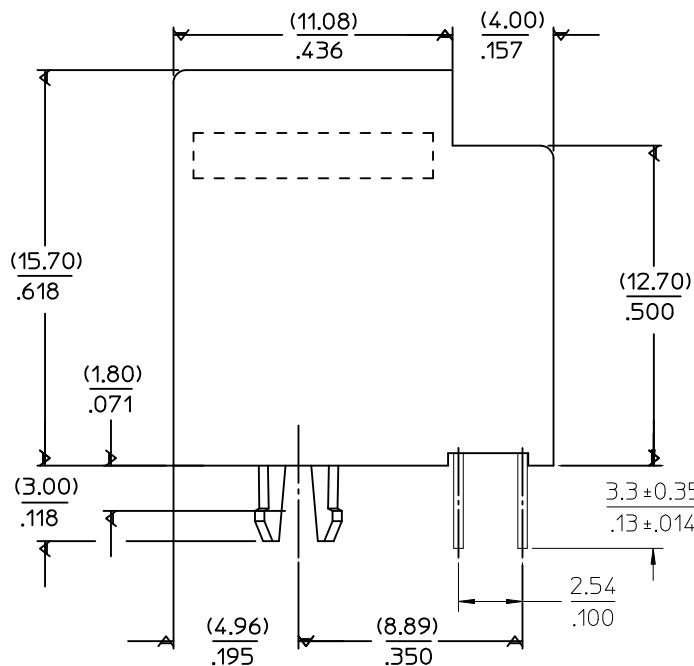
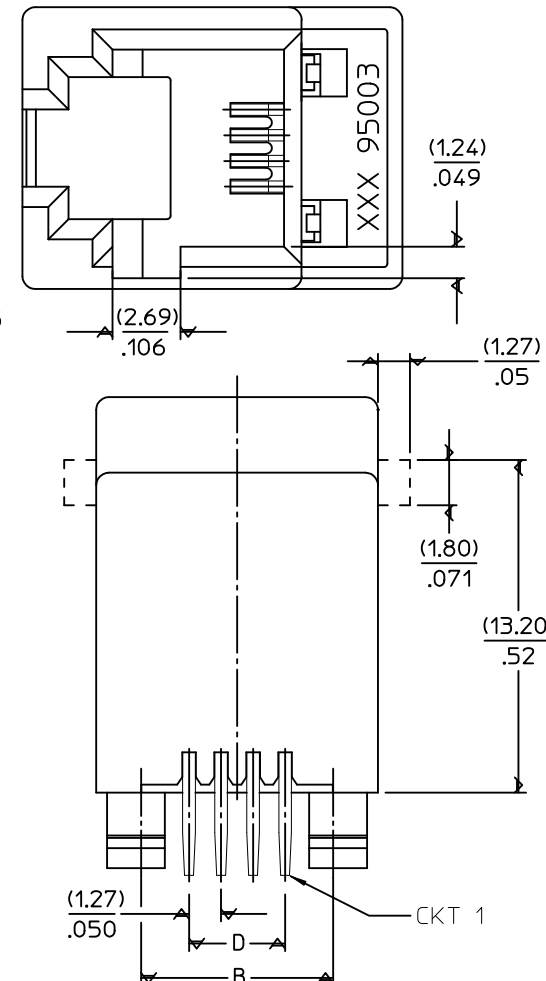
TYPE DIM.	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
A	(11.18) / .440	(13.21) / .520	(13.21) / .520	(15.24) / .600
B	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
D	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350




SHORT VERSION



OPTIONAL KEYING



ADDED PACKAGING OPTION EC NO: E2011-0347 DRW:DSHEA 2011/02/07 CHKD:BYRNES 2011/04/06 APPR:EFOLAN 2011/05/14		DESCRIPTION	QUALITY SYMBOLS  ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY T MARTIN	DATE 2005/06/15	TITLE LOW PROFILE TOP ENTRY JACK (THROUGH HOLE VERSION)		
				3 PLACES ± --- ± ---	± .006	CHECKED BY F CARABETTA	DATE 2005/06/15			
				2 PLACES ± 0.15 ± .010		APPROVED BY KNOLLER	DATE 2005/06/15			
				1 PLACE ± 0.25 ± ---		MOLEX MOLEX INCORPORATED				
				ANGULAR ± .5 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHT 4,5		SD-95503-003		1 OF 5
				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

## NOTES :

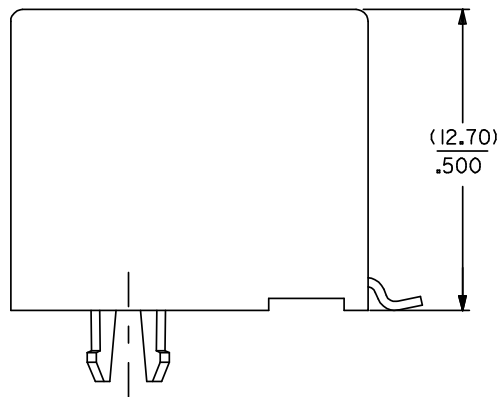
### 1- MATERIAL:

-HOUSING: L C P FIBER GLASS FILLED UL 94-V0  
COLOR BLACK

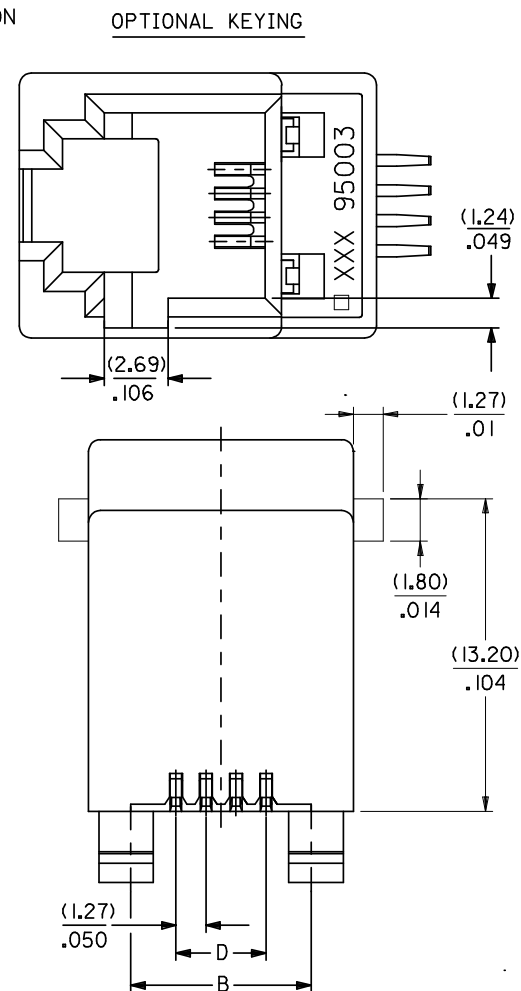
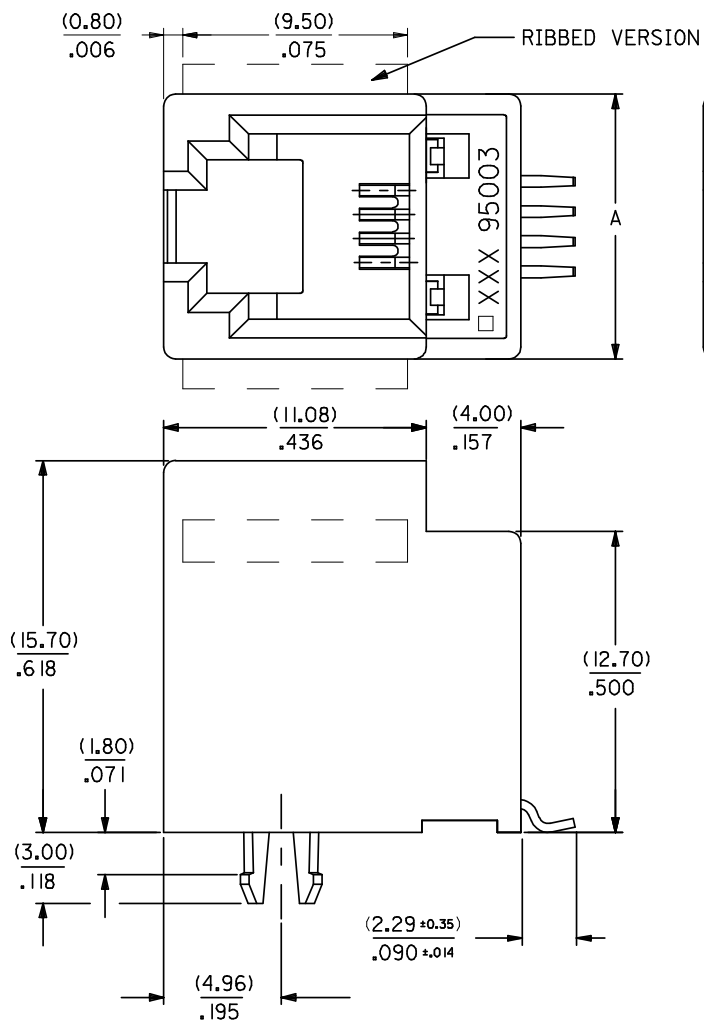
2- APPLICATION SPECIFICATION: AS-85513-001 (SMT)

3- SEE OTHER NOTES SHEET 1.

4- COPLANARITY OF SIGNAL TAILS 0.1mm MAX  
RELEVANT TO EACH OTHER.



SHORT VERSION



TYPE	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
A	(11.18) / .440	(13.21) / .520	(13.21) / .520	(15.24) / .600
B	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
D	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350

ADDED NOTE 4.  
EC NO: E2008-0585  
2008/04/21  
DRAWN BY: RYNES  
2008/04/22  
CHKD: EOMAHONY  
2008/04/22  
APPR: EOMAHONY

QUALITY SYMBOLS  
▽=0  
▽=0

### GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .006	± .006
3 PLACES	± .006	± .006
2 PLACES	± .015	± .010
1 PLACE	± 0.25	± .010
ANGULAR	± .5 °	

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

### DIMENSION STYLE

MM/IN	DATE
DRAWN BY	2005/06/19
CHECKED BY	2005/06/19
APPROVED BY	2005/06/19
KNOLLER	

MATERIAL NO.  
SEE SHT. 4, 5

### SCALE

5:1

### DESIGN UNITS

METRIC

### THIRD ANGLE PROJECTION

LOW PROFILE T/E JACK  
(SMT VERSION)



MOLEX INCORPORATED

DOCUMENT NO.

SD-95503-003

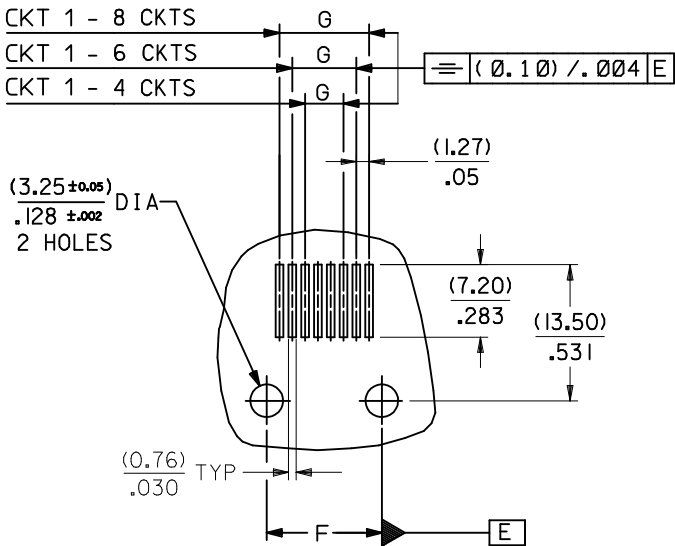
SHEET NO.

2 OF 5

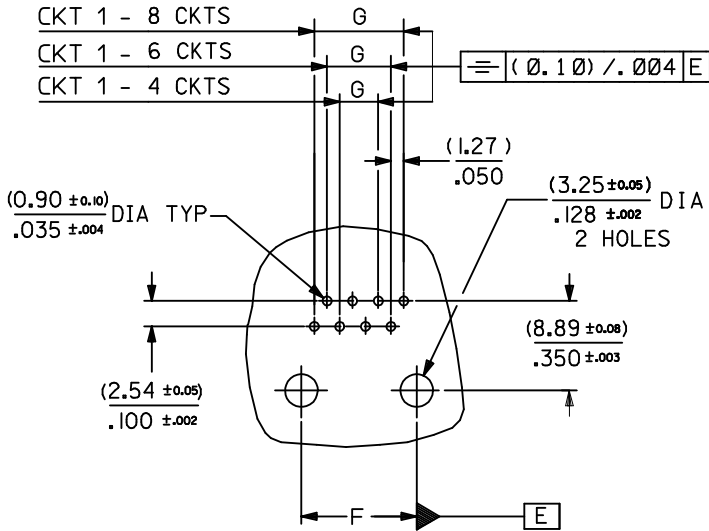
TYPE DIM.	POS. 4	POS. 6		POS. 8
	4 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
F $(\pm 0.05)/\pm .002$	(7.62) / .300	(10.16) / .400	(10.16) / .400	(11.43) / .450
G $(\pm 0.05)/\pm .002$	(3.81) / .150	(3.81) / .150	(6.35) / .250	(8.89) / .350

P.C.B MOUNTING PATTERNS - SEEN FROM COMPONENT SIDE

FOR SMT JACK (SURFACE MOUNT)



FOR STANDARD JACK (THROUGH HOLE)



REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	TITLE	MOLEX INCORPORATED	DOCUMENT NO.	SHEET NO.
			mm	INCH	MM/IN	DATE							
1	APPROVED FOR INDICATOR	0	4 PLACES	± ---	± ---	TMARTIN	2005/06/15	1:1	METRIC	LOW PROFILE T/E JACK	MOLEX INCORPORATED	SD-95503-003	3 OF 5
2	DRWN:DBYRNES	0	3 PLACES	± ---	± .006	CHECKED BY	DATE						
3	CHKD:		2 PLACES	± 0.15	± .010	FCARABETTA	2005/06/15						
4	APPR:JWALLACE		1 PLACE	± 0.25	± ---	APPROVED BY	DATE						
5	REV		ANGULAR ± .5 °		KNOLLER	2005/06/15							
6	DESCRIPTION		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.								
7	EC NO: E2010-0075				SEE SHT. 4, 5								
8	2009/08/13				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								
9	2009/08/19												
10	2009/08/19												

