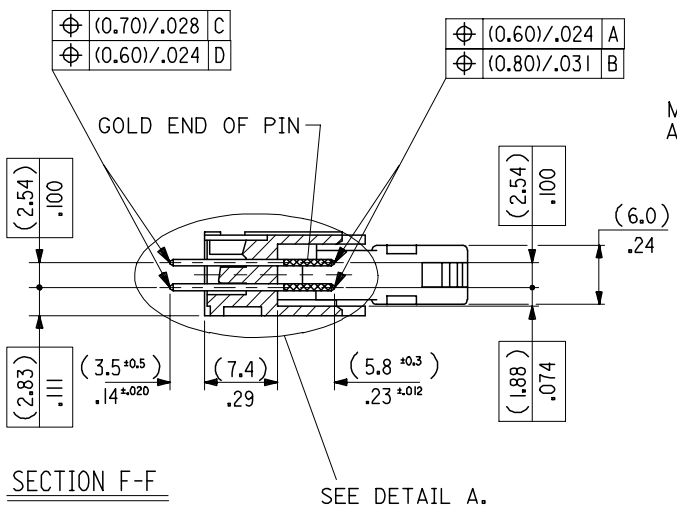


- NOTES:**
- FOR MATERIAL SPECIFICATION SEE NOTE 1. ON SHEET 2.
 - FOR RECOMMENDED P.C.B. HOLE PATTERN, PART No's AND UNSTATED DIMENSIONS SEE SHEET 2.
 - PRODUCT SPEC.No.: PS-99020-0015.
 - THIS RIB IS NOT PRESENT ON 10 & 14 CKT PARTS.



ADDED SHT 9 EC NO: E2007-0243 DRWN: DNASZKI, EMI CZ 2007/01/10 CHKD: J. DENNEHY 2007/01/22 APPR: DENNEHY 2007/01/23	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		mm	INCH	DRAWN BY POB	DATE 1990/08/03			
G	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY JDENNEHY 2004/11/24		MOLEX INCORPORATED		SHEET NO. 1 OF 9
		SEE SHEET 2		DOCUMENT NO. SDA-90663E		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

(78.74)/3.100	(86.34)/3.400	(90.52)/3.564	(96.62)/3.804	(100.74)/3.966	90663-1641	90663-1642	90663-1643		64
(73.66)/2.900	(81.26)/3.200	(85.44)/3.364	(91.54)/3.604	(95.66)/3.766	↑ -1601	↑ -1602	↑ -1603		60
(60.96)/2.400	(68.56)/2.700	(72.74)/2.864	(78.84)/3.104	(82.96)/3.266	↑ -1501	↑ -1502	↑ -1503	90663-1509	50
(48.26)/1.900	(55.86)/2.200	(60.04)/2.364	(66.14)/2.604	(70.26)/2.766	↑ -1401	↑ -1402	↑ -1403	↑ -1409	40
(40.64)/1.600	(48.24)/1.900	(52.42)/2.064	(58.52)/2.304	(62.64)/2.466	↑ -1341	↑ -1342	↑ -1343	↑ -1349	34
(35.56)/1.400	(43.16)/1.700	(47.34)/1.864	(53.44)/2.104	(57.56)/2.266	↑ -1301	↑ -1302	↑ -1303	↑ -1309	30
(30.48)/1.200	(38.08)/1.500	(42.26)/1.664	(48.36)/1.904	(52.48)/2.066	↑ -1261	↑ -1262	↑ -1263	↑ -1269	26
(22.86)/.900	(30.46)/1.200	(34.64)/1.364	(40.74)/1.604	(44.86)/1.766	↑ -1201	↑ -1202	↑ -1203	↑ -1209	20
(17.78)/.700	(25.38)/1.000	(29.56)/1.164	(35.66)/1.404	(39.78)/1.566	↑ -1161	↑ -1162	↑ -1163	↑ -1169	16
(15.24)/.600	(22.84)/.900	(27.02)/1.064	(33.12)/1.304	(37.24)/1.466	↑ -1141	↑ -1142	↑ -1143	↑ -1149	14
(10.16)/.400	(17.76)/.700	(21.94)/.864	(28.04)/1.104	(32.16)/1.266	↓ 90663-1101	↓ 90663-1102	↓ 90663-1103	↓ 90663-1109	10
A	B	C	D	E	ENG. NO. GS1 PLATING	ENG. NO. GS2 PLATING	ENG. NO. GS3 PLATING	ENG. NO. PRE TIN	NO. OF CKTS.

NOTES

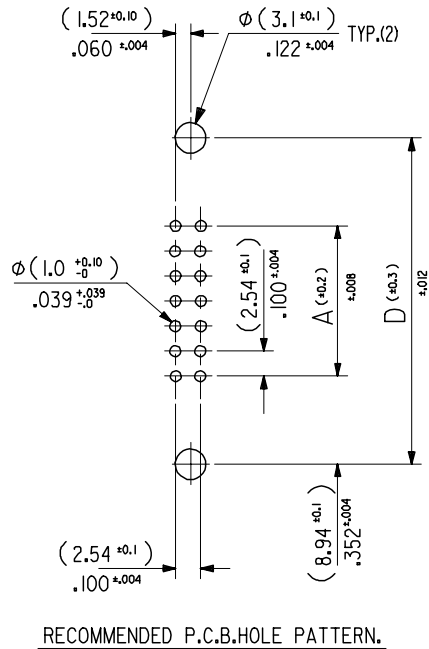
1.MATERIAL

HEADER : GLASS FILLED POLYESTER (UL 94V0), COLOUR - BLACK.
 PINS : BRASS SIZE □ (0.635)/.025 .
 LEVER : GLASS FILLED POLYESTER (UL 94V0), COLOUR - BLACK.

2.COLOUR IDENTIFICATION MARK FOR PLATING OPTIONS.

90663-1**1, (1um)/.039uin MIN. NICKEL UNDERPLATE. CONTACT AREA
 GS1 PLATING (0.1um)/.004uin MIN. GOLD. SOLDER AREA (3um)/.118uin MIN.
 TIN. COLOUR MARK: YELLOW.
 90663-1**2, (1um)/.039uin MIN. NICKEL UNDERPLATE. CONTACT AREA
 GS2 PLATING (0.76um)/.030uin MIN. GOLD. SOLDER AREA (3um)/.118uin MIN.
 TIN. COLOUR MARK: BROWN.
 90663-1**3, (1um)/.039uin MIN. NICKEL UNDERPLATE. CONTACT AREA
 GS3 PLATING (0.25um)/.010uin MIN. GOLD. SOLDER AREA (3um)/.118uin MIN.
 TIN. COLOUR MARK: BLUE.
 90663-1**9, (0.5-1um)/.020-.040uin NICKEL UNDER (1.0-3.0um)/.039-.118uin TIN.
 PRE-TIN COLOUR MARK: BLACK, (NO MARK).

3. RECOMMENDED PCB THICKNESS 1.6mm



RECOMMENDED P.C.B.HOLE PATTERN.

ADDED NOTE 3 EC NO: E2008-0129 DRWN: OBYRNES CHKD: APPR: EOMAHONY	2007/09/13	2007/09/13	2007/09/14
	DESCRIPTION		
	REV		

QUALITY SYMBOLS	▽=0	▽=0
-----------------	-----	-----

GENERAL TOLERANCES (UNLESS SPECIFIED)	MM	INCH
4 PLACES	± .008	± .0003
3 PLACES	± .005	± .0002
2 PLACES	± 0.20	± .008
1 PLACE	± 0.20	± .008
ANGULAR ± 2 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM/IN		2:1	METRIC	☉ □
DRAWN BY	DATE	TITLE		
POB	1990/08/03	QF50 SRD HDR VT W/ELV		
CHECKED BY	DATE	MOLEX INCORPORATED		
JDENNEHY	2004/11/24	SDA-90663E		
APPROVED BY	DATE	SHEET NO.		
JDENNEHY	2004/11/24	2 OF 9		
MATERIAL NO.	DOCUMENT NO.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	SEE CHART	SIZE A3		

SCALE		DESIGN UNITS	THIRD ANGLE PROJECTION
2:1		METRIC	☉ □
DRAWN BY		TITLE	
POB		QF50 SRD HDR VT W/ELV	
CHECKED BY		MOLEX INCORPORATED	
JDENNEHY		SDA-90663E	
APPROVED BY		SHEET NO.	
JDENNEHY		2 OF 9	
MATERIAL NO.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
SEE CHART		SIZE A3	