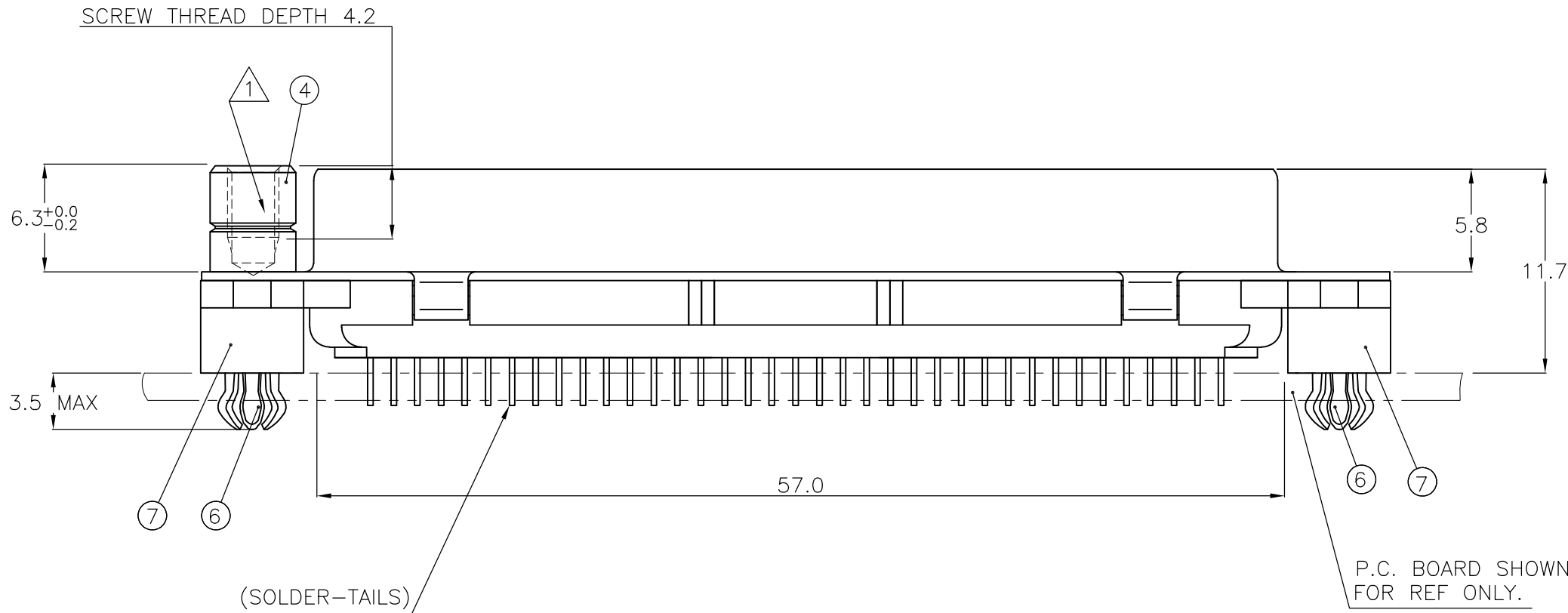
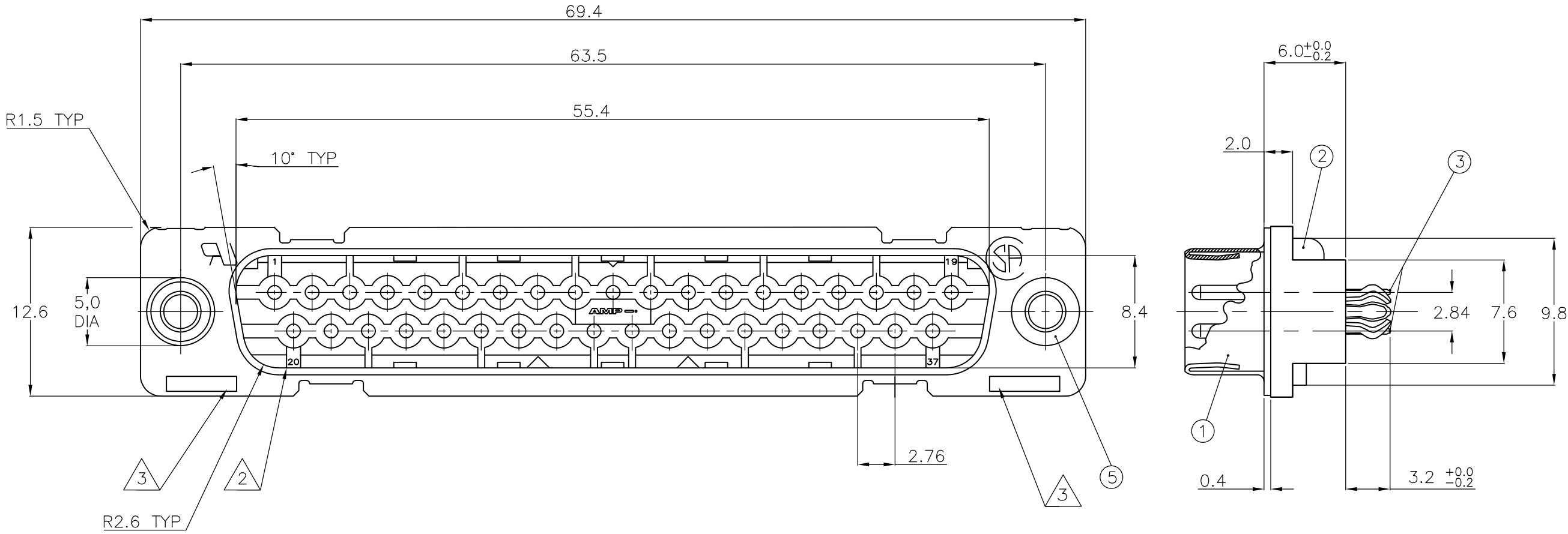
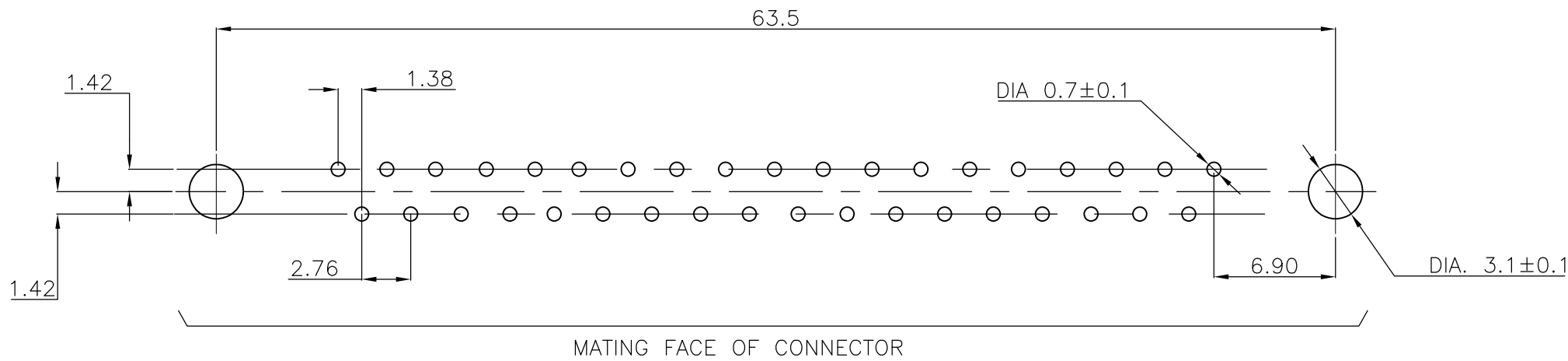


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00		H	REVISED PER ECO-15-005898	27APR2015	AP	SB



RECOMMENDED P.C. BOARD HOLE-LAYOUT



ACCESSORIES	5	BUSHING WITH THROUGH HOLE $\varnothing 3.1$.								2						
	5	BUSHING WITH THREAD 4-40 UNC								2					2	
	5	BUSHING WITH THREAD M3								2					2	
	4	FEMALE SCREWLOCK WITH THREAD 4-40 UNC								2					2	
	4	FEMALE SCREWLOCK WITH THREAD M3								2					2	
	6	BOARDLOCK								2	2	2	2			
	ITEM NO	DESCRIPTION OF ACCESSORY														

	1-338312-2	2-338312-2	3-338312-2	4-338312-2	5-338312-2	6-338312-2	7-338312-2	8-338312-2	9-338312-2
OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE	OBSOLETE

- 1 GROOVE INDICATES VERSION WITH 4-40 UNC INNER THREAD; WITHOUT GROOVE INDICATES VERSION WITH M3 INNER THREAD.
- 2 CAVITY IDENTIFICATION AT FRONT SIDE ONLY.
- 3 PART NUMBER AND DATE CODE.
- 4 WHEN BOARDLOCKS ARE USED, CONNECTOR CAN BE USED FOR PCB THICKNESS OF 1.6 ONLY.
- 5 SHELL HAS 2x12 GROUNDING SPRINGS; PITCH IS 3.6.
- 6 AIR AND CREEPAGE DISTANCES ACCORDING TO DIN 41652.
- 7 CONTACT FINISH: GOLD FLASH OVER PALLADIUM-NICKEL PLATE OR GOLD PLATE ON THE MATING SURFACES, TIN PLATE ON THE SOLDER-TAILS, NICKEL UNDERPLATE ON THE ENTIRE CONTACT. MATING SURFACE FINISH MEETS LEVEL 2 PER DIN 41652.

ITEM NO/MATERIAL :		
1	SHELL	: BRIGHT TIN PLATED STEEL
2	HOUSING	: GLASS FILLED POLYESTER, COLOR : BLACK
3	CONTACTS	: PHOSPHOR BRONZE (PLATING : SEE NOTES)
4	FEMALE SCREWLOCK	: TIN PLATED STEEL (INNER THREAD 4-40 UNC OR M3)
5	BUSHING	: TIN PLATED STEEL (INNER THREAD 4-40 UNC OR M3 OR $\varnothing 3.1$ THROUGH HOLE)
6	BOARDLOCK	: TIN PLATED PHOSPHOR BRONZE
7	STAND-OFF	: GLASS FILLED NYLON COLOR : BLACK

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN J.V.LIEMPT 03JUL97	 TE Connectivity						
		CHK C.SOUISA 09SEP97							
DIMENSIONS: mm		APVD E.LIJTENS 09SEP97	NAME HDP-20 SIZE 4 VERTICAL+ PLUG HEADER; WITH SOLDER CONTACTS						
		PRODUCT SPEC —							
		APPLICATION SPEC —	SIZE A2	CAGE CODE 00779	DRAWING NO C=338312	RESTRICTED TO —			
		WEIGHT —							
MATERIAL —		FINISH —	CUSTOMER DRAWING				SCALE NTS	SHEET 1 of 1	REV H