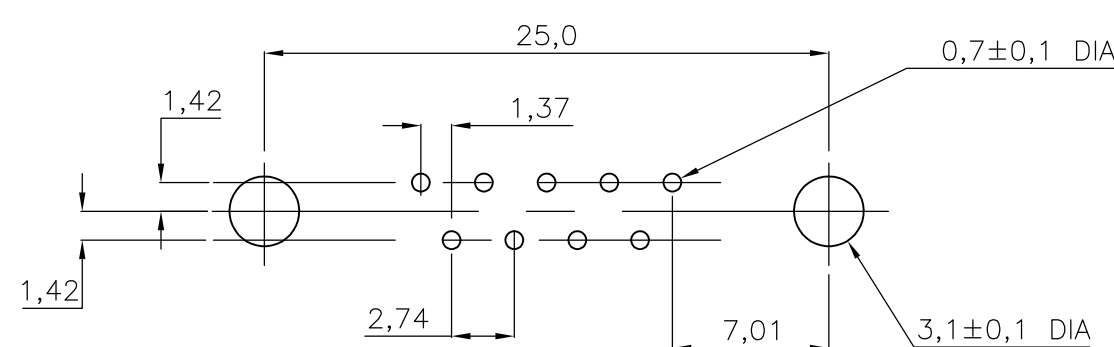
[illegible]


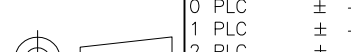
1. GROOVE INDICATES VERSION WITH 4-40 UNC INNER THREAD;  
WITHOUT GROOVE INDICATES VERSION WITH M3 INNER THREAD.
  2. CAVITY IDENTIFICATION AT FRONT SIDE ONLY.
  3. PART NUMBER AND DATE CODE.
4. WHEN BOARDLOCKS ARE USED, CONNECTOR CAN BE USED  
FOR PCB THICKNESS OF 1,6 ONLY.
  5. AIR AND CREEPAGE DISTANCES ACCORDING TO DIN 41652.
  6. 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 PERFORMANCE LEVEL 2  
PER DIN 41652.

## ITEM NO/MATERIAL :

- |                    |                                                                             |
|--------------------|-----------------------------------------------------------------------------|
| ① SHELL            | = BRIGHT TIN PLATED STEEL                                                   |
| ② HOUSING          | = GLASS FILLED POLYESTER,<br>COLOR : BLACK                                  |
| ③ CONTACTS         | = PHOSPHOR BRONZE<br>(PLATING : SEE TABLE ABOVE)                            |
| ④ FEMALE SCREWLOCK | = TIN PLATED STEEL<br>(INNER THREAD 4-40 UNC OR M3)                         |
| ⑤ BUSHING          | = TIN PLATED STEEL (INNER THREAD 4-40<br>UNC OR M3 OR 3,1 DIA THROUGH-HOLE) |
| ⑥ BOARDLOCK        | = TIN PLATED PHOSPHOR BRONZE                                                |
| ⑦ STAND OFF        | = GLASS FILLED NYLON, UL94V-0 RATED<br>COLOR : BLACK                        |

## RECOMMENDED PC BOARD HOLE-LAYOUT



THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN J.V.LIEMPT 01JUL97		 TE Connectivity			
		CHK C.SOUISA 09SEP97					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME  HD-20 SIZE 1 VERTICAL+ RECEPTACLE HEADER; WITH SOLDER CONTACTS			
		APVD E.LIUTFENS 09SEP97					
		PRODUCT SPEC —					
		APPLICATION SPEC —					
MATERIAL —		FINISH —		SIZE A2	CAGE CODE 00779	DRAWING NO C-338313	RESTRICTED TO —
CUSTOMER DRAWING				SCALE NTS	SHEET 1 of 1	REV G	

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