

4

3

2

1

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00				
	K	REVISED PER ECO-12-021105	20DEC2012	CJV	SLB

30,9
25,0
16,3
10° TYP
1,5R TYP.
5,0 DIA.
13,6
7,3
2,5 R. TYP.
2,74 TYP.
3,2+0/-0,5
3,5 MAX.
SOLDER-TAIL
7

15,0
4,9
2,0
7,9
9,3
2,9
0,4
10,3
2,54
2
3
6

6,3+0/-0,2
6,2
11,6
3,4 DIA. HOLE WITHOUT BOARDLOCK (7).
1
4
1
8

ACCESSORIES	ITEM NO.	DESCRIPTION OF ACCESSORY	QUANTITY											
			1	2	3	4	5	6	7	8	9			
	5	BUSHING WITH THROUGH HOLE 3,1 DIA.		2					2					
	5	BUSHING WITH INNER THREAD 4-40 UNC		2						2				
	5	BUSHING WITH INNER THREAD M3			2						2			
	4	FEMALE SCREWLOCK WITH 4-40 UNC				2							2	
	4	FEMALE SCREWLOCK WITH M3					2							2
	7	BOARDLOCK	2	2	2	2	2							

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 AIR AND CREEPAGE DISTANCES ACCORDING TO DIN 41652.
 5 CONTACT FINISH: GOLD PLATE ON MATING SURFACES, TIN PLATE ON THE SOLDER-TAILS, NICKEL UNDERPLATE ON THE ENTIRE CONTACT. MATING SURFACE FINISH MEETS LEVEL 2 PERFORMANCE 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 ABOVE)
- 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 3,1 DIA THRU-HOLE)
- 6 BRACKET : TIN PLATED STEEL
- 7 BOARDLOCK : TIN PLATED PHOSPHOR BRONZE
- 8 POST ALIGNMENT PLATE : GLASS FILLED NYLON COLOR : BLACK

RECOMMENDED P.C. BOARD HOLE-LAYOUT

25,0
1,27
1,37
0,7+/-0,1 DIA
2,74
7,01
3,1+/-0,1 DIA
MATING FACE OF CONNECTOR

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN D. KESSLER 14JAN99	TE Connectivity	
DIMENSIONS: mm		CHK W. SOOMERS	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	HD-20 SIZE 1 RIGHT ANGLE RECEPTACLE HEADER; MARK II+	
0 PLC ± -		PRODUCT SPEC -	SIZE A2	RESTRICTED TO -
1 PLC ± 0.3		APPLICATION SPEC -	CAGE CODE 00779	
2 PLC ± 0.15		WEIGHT -	DRAWING NO C=106505	
3 PLC ± -		CUSTOMER DRAWING	SCALE NTS	SHEET 1 OF 1
4 PLC ± -			REV K	
ANGLES ± -				
FINISH				

1471-9 (3/11)

106505

B

A