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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	N	REVISED PER ECR-24-226486	20NOV2024	TB	JP

13.97

13.97

16.03

19.15

3

2

1

6

4

9

8

7

HOUSING

1.00 ± 0.05

4.45 ± 0.25

5.08 MIN LOCALIZED GOLD PLATE AREA

5.08 MIN LOCALIZED MATTE TIN PLATE OR TIN-LEAD PLATE AREA

PIN CONTACT 9 REQUIRED

Ø1.40 ± 0.08 TYP

Ø3.18 ± 0.08

4.14 TYP

4.14 TYP

13.49

0.76

RECOMMENDED LAYOUT FOR 1.57 THICK BOARD
TOLERANCES NON-ACCUMULATIVE

1. PINS TO COMPLY WITH AMP SOLDERABILITY SPEC. 109-11-3.

2. 0.00381 MIN MATTE TIN LEAD PLATE OVER 0.00127 MIN NICKEL.

3. 0.00076 MIN GOLD PLATE IN THE LOCALIZED PLATE AREA, 0.00381 MATTE TIN LEAD IN THE LOCALIZED PLATE AREA, BOTH OVER 0.00127 MIN NICKEL.

4. 0.00381 MIN MATTE TIN PLATE OVER 0.00127 MIN NICKEL.

5. 0.00076 MIN GOLD PLATE IN THE LOCALIZED PLATE AREA, 0.00381 MATTE TIN IN THE LOCALIZED PLATE AREA, BOTH OVER 0.00127 MIN NICKEL.

BRASS, GOLD	5	NYLON, UL94V-0	WHITE	1-770182-1	
BRASS, TIN	4	NYLON, UL94V-0	WHITE	1-770182-0	
SUPERSEDED WITH 1-770182-1	BRASS, GOLD	3	NYLON, UL94V-0	WHITE	770182-2
SUPERSEDED WITH 1-770182-0	BRASS, TIN-LEAD	2	NYLON, UL94V-0	WHITE	770182-1
MATERIAL		FINISH	MATERIAL	COLOR	PART NO.

PIN		HOUSING		PART NO.					
DWN	CHK	DWN	CHK						
S	R	S	R	1-770182-1					
CARPENTER	JONES	CARPENTER	JONES						
08JUN05	28JUL2003	08JUN05	28JUL2003						
APVD	PRODUCT SPEC	APVD	PRODUCT SPEC						
APPLICATION SPEC		APPLICATION SPEC		NAME					
MATERIAL		MATERIAL							
FINISH		FINISH							
WEIGHT		WEIGHT							
CUSTOMER DRAWING				SCALE	5:1	SHEET	1 OF 1	REV	N

1471-9 (1/15)