

4

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AF	50	C5	REVISED PER ECR-23-168512	14MAR2023	DC FL

# SUGGESTED MATING TAB

SHOULDER MAY BE ELIMINATED IF NOT FEASIBLE

10.46 [.412] MIN CLEARANCE

1.02 [.040] / 0.76 [.030]

0.25 [.010] MAX CUT-OFF

8.25 [.325] MIN

6.43 [.253] / 6.27 [.247]

2.03 [.080] / 1.65 [.065] DIA HOLE

1.14 [.045] / 0.89 [.035] x 45°

3.48 [.137] / 3.33 [.131]

4.72 [.186] / 4.32 [.170]

8.05 [.317] / 7.80 [.307]

0.84 [.033] / 0.79 [.031]

0.13 [.005] R MAX ON TOP

10° ±2'

- 1 - MATL: 1/2H BRASS OR NICKEL PL STEEL.
- 2 - NO BURRS PERMISSIBLE AT HOLE.
- 3 - MUST BE FLAT WITHIN 0.076 [.003] OVER THIS LENGTH.
- 4 - TIN PLATING IS REQUIRED ON BRASS WHEN TERMINAL TEMP. IS OVER 225°F.
- 5 - HOLE MUST BE SYMMETRICAL ABOUT TAB Q WITHIN 0.076 [.003]

\* TO BE USED ONLY WHEN SHOULDER IS ELIMINATED.

7.62 [.300]

3.69 [.145]

19.58 [.771]

7.44 [.293]

3.68 [.145]

1.90 [.075]

8.33 [.328] REF

SECTION D-D

3.81

3.18

.150

.125

3.71 [.146] REF

SECTION B-B

SCALE 10:1

- 1 CONTINUOUS STRIP ON REELS.
- 2 REF CRIMP INFORMATION:  
WIRE CRIMP: .110 F TYPE  
INSULATION CRIMP .180, F TYPE
- 3 #18-#14 AWG, 2.29-3.94 [.090-.155] DIA OR TWO #18'S WITH 1.90 [.075] MAX INSULATION
- 4 PRELIMINARY - NOT FOR PRODUCTION

0.7 MAX

2.54 [.100]

2.77 [.109]

SECTION A-A

5.59

4.95

.220

.195

5.16 [.203] REF

SECTION C-C

SCALE 10:1

TIN 0.002540 [.000100] MIN	1217094-4
SILVER 0.00381 [.000150] MIN	1217094-3
TIN 0.002032 [.000080] MIN	1217094-2
-	1217094-1
FINISH	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	JR RUTH	6/19/98	 TE Connectivity	RECEPTACLE, POSITIVE LOCK, 6.35 [.250] SERIES		
DIMENSIONS: MM [ INCHES ]		CHK	MS FEHER	6/19/98		SIZE		RESTRICTED TO
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	J GILLISPIE	6/19/98		CAGE CODE	DRAWING NO	
0 PLC ± -		PRODUCT SPEC	114-2074	WEIGHT		SCALE	SHEET	REV
1 PLC ± -		APPLICATION SPEC	114-2074	FINISH	5:1	1 OF 1	C5	
2 PLC ± 0.25 [.010]		MATERIAL	H06 BRASS	SEE TABLE	CUSTOMER DRAWING			
3 PLC ± -								
4 PLC ± -								
ANGLES ± -								

1471-9 (3/11)