

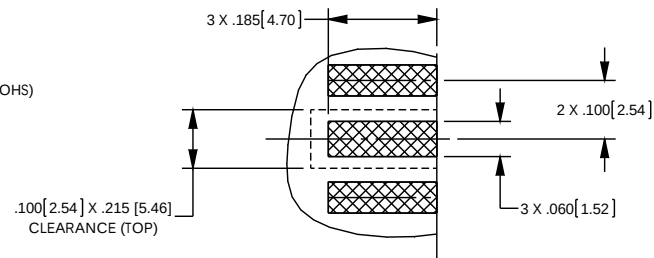
NOTES: UNLESS OTHERWISE SPECIFIED
1. FOR GENERAL SERIES SPECIFICATIONS, SEE SD117-0000.

2. MATERIAL SPECIFICATIONS:
BODY: BRASS PER ASTM B16
CONTACT: COPPER ALLOY
INSULATOR: PTFE PER ASTM D1710
CLIP RING: COPPER ALLOY

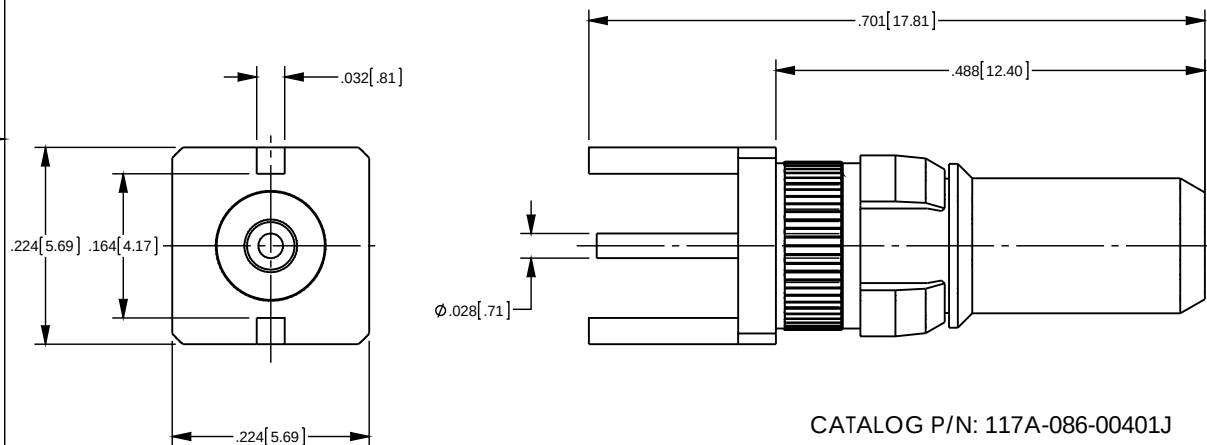
3. FINISH SPECIFICATIONS:
BODY AND CLIP RING: .000005 MIN. GOLD PER ASTM B488, OVER .000100 MIN COPPER PER ASTM B734 (ROHS)
CONTACT: .000030 MIN. GOLD PER ASTM B488, OVER .000100 MIN COPPER PER ASTM B734 (ROHS)

4. ELECTRICAL SPECIFICATIONS:
IMPEDANCE: 50 OHMS
FREQUENCY: DC TO 32GHz
RETURN LOSS: -30 dB @ 6 GHz (WITH 50-OHM TRACE)

REV	DESCRIPTION	BY DATE	APPD
02	UPDATED VISUAL ERO59569	MAR 08/21/15	DCam



RECOMMENDED PCB LAYOUT



CATALOG P/N: 117A-086-00401J

PER ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES [MM] TOLERANCES: DECIMAL: XX [X.X] ± .01 [0.3] .XXX [X.XX] ± .005 [0.13] .XXXX [X.XXX] ± .XXXX ANGLES: ± 2° SCALE: 6:1				KINGS by WINCHESTER Winchester Electronics Corporation 199 Park Road Extension, Suite 104 Middlebury, Connecticut 06762			
CUSTOMER SALES DRAWING				THIRD ANGLE 117 SERIES END LAUNCH PLUG (RoHS COMPLIANT)			
DRAWN	DATE	APPROVED	DATE	DRAWN	DATE	APPROVED	DATE
MAR	06/20/14	DCam	06/20/14	MAR	06/20/14	DCam	06/20/14
APPROVED	DATE	APPROVED	DATE	APPROVED	DATE	APPROVED	DATE
XXX	XX/XX/XX	XXX	XX/XX/XX	XXX	XX/XX/XX	XXX	XX/XX/XX
A				SD117A-086-00401J			
				SHT 1 OF 1			
				REV 02			