



**THIS DRAWING REPRESENTS:**  
**PHA-19-28-089-LB for  $\phi 28.0\text{mm}$  optic**

FOR INFORMATION ONLY NOT FOR MANUFACTURING	DATE: 7/28/2017	DRAWN BY: TA	CHK'D BY: RS	TOLERANCES: (EXCEPT AS NOTED)	NO.	REVISIONS	DATE	APPD
HAAS DOC.# PHA-19-28-089-LB-SALES				X.XXX = $\pm 0.005$				
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. CONTACT HAAS LTI FOR MORE INFORMATION.				X.XX = $\pm 0.01$				
				X X/X = $\pm 1/64$				
				ANGULAR: $\pm 0.5^\circ$				



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PHA-19 LONG-BODY PROCESS  
 HEAD FOR 89mm F.L.

BOM#  
 NA

SCALE: 2:3