

# CHARACTERISTICS

## ELECTRICAL

CIRCUIT: SINGLE POLE, 4 THROW, CENTER OFF  
MOMENTARY CONTACT (SELF RETURN  
TO CENTER OFF.)

RATING: 1 AMP INDUCTIVE AT 28 VDC 100,000 CYCLES  
OVERLOAD: 2 AMP INDUCTIVE AT 28 VDC FOR 100 CYCLES.  
DWV: 1050 VRMS

## MECHANICAL

SWITCH ACTION SHALL BE SMOOTH, NO SNAP ACTION.

ACTUATING FORCE: 16 OZ. ±6 OZ.

LEVER TRAVEL: 15° MAX. FROM CENTER OFF.

LEVER PIVOT & STOP STRENGTH: SWITCH MUST BE  
CAPABLE OF WITHSTANDING A FORCE OF 25 LBS (A)  
APPLIED TO THE ACTUATING BUTTON. THE BUTTON  
SHALL ALSO WITHSTAND A 15 LB MINIMUM PULL FORCE.

## PHYSICAL

BUTTON: GRAY NYLON

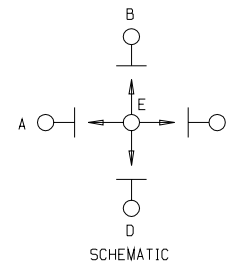
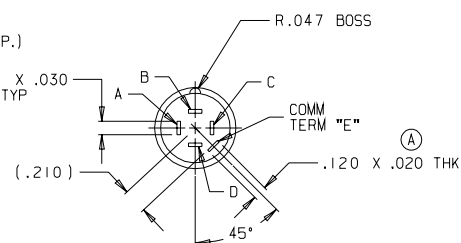
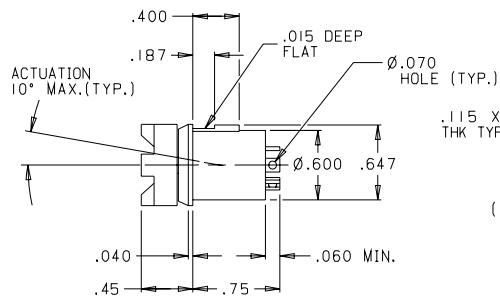
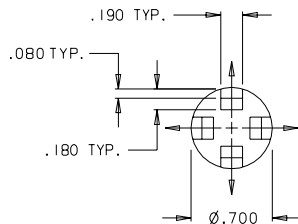
HOUSING: BLACK RYTON

ENCLOSURE: DUSTTIGHT, AND

MEETS ENVIRONMENTAL TESTING OF MIL-S-9419.

TEMPERATURE RANGE: -55°C TO +85°C

MARK: OTTO 21649  
T4-0109  
TERMINAL IDENT.  
& DATE CODE



## NOTE:

CONTACT MADE IN OPPOSITE  
DIRECTION OF LEVER TRAVEL.

- MINOR
- MAJOR
- CRITICAL
- SPC CRITICAL

UNLESS OTHERWISE  
SPECIFIED:  
DIMENSIONS ARE  
IN INCHES.  
TOLERANCES:  
.XX ±.03  
.XXX ±.010  
ANGLES ±2°  
DO NOT SCALE

THIRD ANGLE  
PROJECTION

OTTO CONTROLS  
DIVISION OF  
OTTO ENGINEERING INC.  
CARPENTERSVILLE, ILLINOIS USA

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PART NAME  
SWITCH, 4-WAY TOGGLE

DRWN. SH	SIZE	FSCM NO	DRAWING NO.	REV.
CHKD. DB	B	21649	T4-0109	A
APPD. MGC				
DATE 22 NOV 91	WT. 10 GRAMS MAX.	SCALE 1:1	SHEET 1 OF 1	



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