

CABLE LENGTH	
1 -	6' SINGLE PENDANT
3 -	10' SINGLE PENDANT

SEAL TYPE	
1 -	UNSEALED
2 -	DUSTTIGHT/PROTECTED AGAINST SPLASHING WATER PER IP 64
3 -	WATERTIGHT

BUTTON COLOR	
1 -	RED
2 -	BLACK
9 -	WHITE

BEZEL COLOR	
1 -	RED
2 -	BLACK
9 -	WHITE

HOUSING COLOR	
2 -	BLACK
6 -	BLUE
8 -	GRAY

CABLE/CONNECTOR	
1 -	Ø0.250, 60.0 LBS PULL STRENGTH COLOR: GRAY Ø0.250 STRAIGHT MONO PLUG
2 -	Ø0.250, 60.0 LBS PULL STRENGTH COLOR: GRAY Ø0.250 RIGHT ANGLE MONO PLUG
3 -	Ø0.130, 25.0 LBS PULL STRENGTH COLOR: GRAY 2.5mm STRAIGHT MONO PLUG
4 -	Ø0.250, 60.0 LBS PULL STRENGTH COLOR: GRAY WITHOUT CONNECTOR
5 -	Ø0.130, 25.0 LBS PULL STRENGTH COLOR: GRAY WITHOUT CONNECTOR

NOT USED

NOT USED

U7 _ _ _ _ _ 11			
REV	OCN #	DATE	APR
A	074154	10 MAR 14	DLN
OBS	084555	18 NOV 16	DLN
B	084638	12 DEC 16	DLN
C	086655	01 JUN 17	DLN

NOTES:

- DRAWING TO BE INTERPRETED IN ACCORDANCE WITH THE CURRENT REVISION OF ASME Y14.5.
- THIS PART/PRODUCT IS TO BE MANUFACTURED WITH THE LATEST APPLICABLE REGULATIONS OF EC DIRECTIVES FOR THE RESTRICTION OF THE USE OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (ROHS), WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE) AND REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICALS (REACH).

SWITCH ELECTRICAL CHARACTERISTICS:

LOGIC LEVEL: 10-100 mA @ 3-28 VDC, MAX. D.C
LOGIC LEVEL RATINGS VOID IF LOGIC LEVEL
LOAD(S) EXCEEDED AT ANY TIME.

DWV: 1000 VRMS
ELECTRICAL LIFE: 50,000 CYCLES

SWITCH MECHANICAL CHARACTERISTICS:

TOTAL TRAVEL: .080 MAX.
OPERATING FORCE: 18±6 oz
MECHANICAL LIFE: 100,000 CYCLES

PENDANT MECHANICAL CHARACTERISTICS:

CABLE FLEX:
FLEX CABLE AT BOTH CONNECTOR AND SWITCH
ENDS. MONITORING N.O. CIRCUIT FOR CONTINUITY
FOR 10,000 CYCLES, 90° BEND EACH DIRECTION,
NO MANDREL, 0.5 LB. LOAD AT FLEXING RATE OF
10-15 CYCLES/MIN.
CABLE AXIAL PULL:
Ø.250 CABLE TO WITHSTAND 60 LBS.
Ø.130 CABLE TO WITHSTAND 25 LBS.

PHYSICAL CHARACTERISTICS:

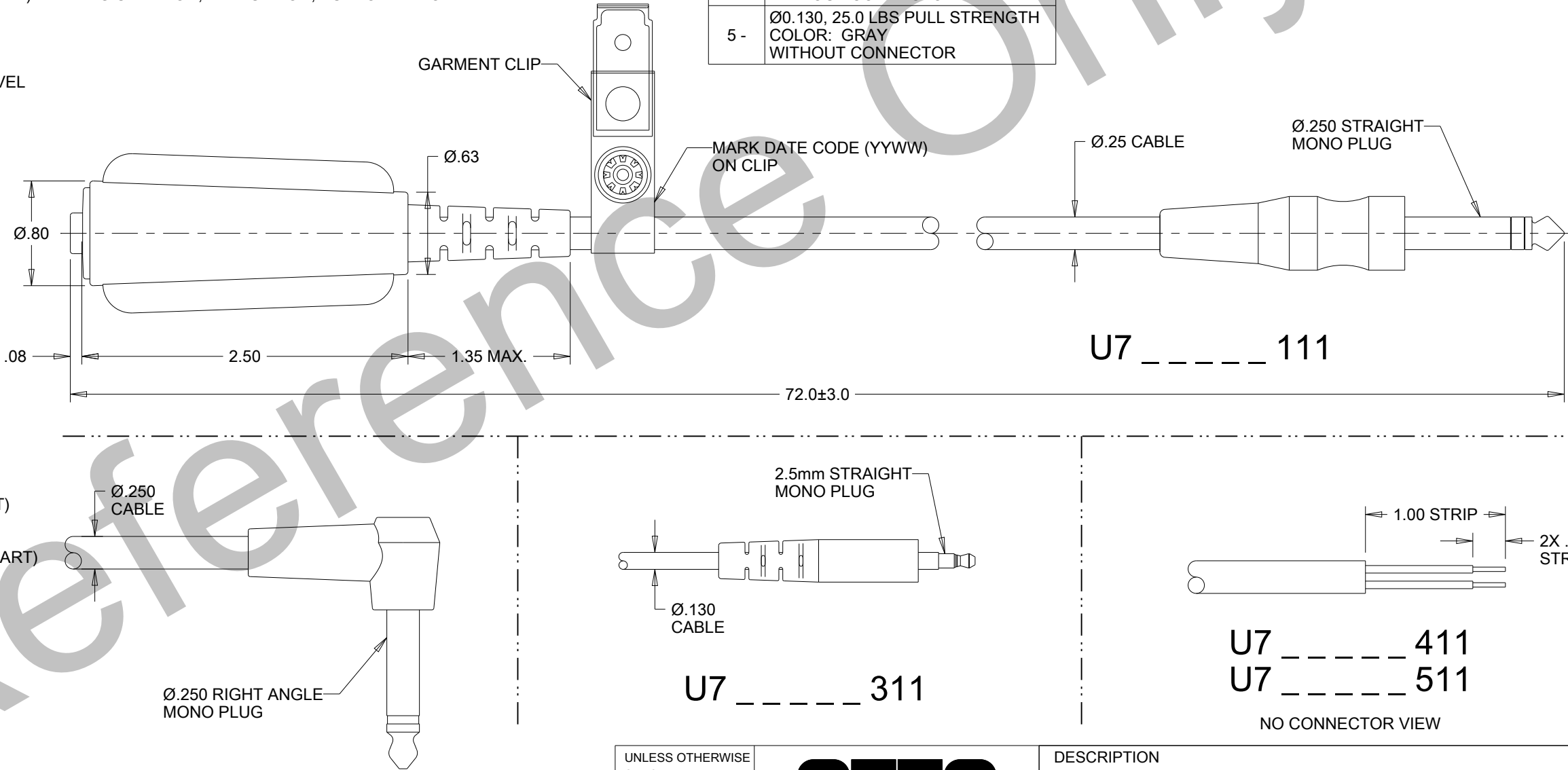
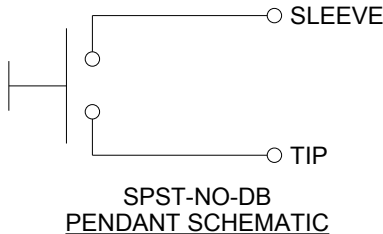
TEMPERATURE RANGE: -30°C TO +55°C
ENCLOSURE DESIGN: SEE CHART
SWITCH BUTTON: THERMOPLASTIC, (COLOR SEE CHART)
SWITCH BEZEL: THERMOPLASTIC, (COLOR SEE CHART)
HANDLE PREMOLD: THERMOPLASTIC
HANDLE OVERMOLD: THERMOPLASTIC, (COLOR SEE CHART)

LABEL MARKING:

OTTO 21649
U7 _ _ _ _ _ 11 (SEE CHART)
DATE CODE (YYWW)

PACKAGING:

COIL, TIE WRAP, AND INDIVIDUALLY
BAG IN ZIP LOCK BAGS, PACKAGE 50
PER BOX IN DUAL WALL CARTON.



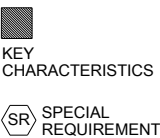
U7 _ _ _ _ _ 211

U7 _ _ _ _ _ 311

U7 _ _ _ _ _ 411
U7 _ _ _ _ _ 511

NO CONNECTOR VIEW

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



OTTO.
CARPENTERSVILLE, ILLINOIS USA

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DESCRIPTION

U7, SINGLE PENDANT SWITCH,
OVERMOLDED

DRWN. JFC	SIZE	FSCM NO	DRAWING NO.	REV.
CHKD. DLN	B	21649	U7 _ _ _ _ _ 11	C
APPD. SPM				

THIRD ANGLE
PROJECTION



Scale 1:1

Sheet 1 OF 1

Mouser Electronics

Authorized Distributor

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OTTO:

[OATC-U711298311](#)