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REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	05/05/2025	AKRESOWSKI	DGUST

LENGTH

E GREEN
N WHITE
L BLACK

N5-20P MALE
CONNECTOR
NICKEL PLATED PINS

2X IRON HOOP, MOLDED HOOD,
PVC, YELLOW

SJTOW 12AWGX3C CABLE
105°C -50°C, PVC, YELLOW

OPTIONAL LABELS
SEE NOTE 6

E GREEN
L BLACK
N WHITE

L5-20R FEMALE
CONNECTOR
YELLOW BRASS PINS

NOTES:

1. DIELECTRIC VOLTAGE WITHSTAND TEST: 1500V / 1 SEC.
2. CONDUCTOR RESISTANCE: 5.69Ω/1000M AT 20°C.
3. CABLE VOLTAGE RATING: AC 300V AT 20°C.
4. CABLE ASSEMBLY RATED FOR 125V/20A.
5. CABLE MARKING: WH: (UL) E135710-F5 SJTOW 3X12AWG 105°C -50°C 300V VW-1 WATER RESISTANT C(UL) SJTOW 3X3.31mm² (12AWG) 105°C -50°C FT2. PH: (UL) E135710-F7 SJTOW 3X12AWG 105°C -50°C 300V VW-1 WATER RESISTANT C(UL) SJTOW 3X3.31mm² (12AWG) 105°C -50°C FT2.
6. OPTIONAL LABELS MAY INCLUDE UL, CURRENT AND/OR WARNING.
7. CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
8. CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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JACKET: OD: .413±0.01 [10.5±0.3]
INSULATION: OD: 0.149±0.008 [3.8±0.2]
CONDUCTOR: 12AWG X 3C

ITEM NO	LENGTH	
	METERS	FEET
TTA00086-50F	15.24	50
TTA00086-100F	30.48	100

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:
X = ±.2 [5] FRACTIONS
.XX = ±.02 [0.5] ± 1/32
.XXX = ±.005 [0.13] ANGLES ± 1°

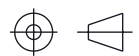
CABLE LENGTH TOLERANCES:
≤12 [305] = +1 [25] / -0
>12 [305] ≤ 60 [1524] = +2 [51] / -0
>60 [1524] ≤ 120 [3048] = +4 [102] / -0
>120 [3048] ≤ 300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY
AND SUBJECT TO CHANGE WITHOUT NOTICE.
UN-DIMENSIONED/NON-CRITICAL FEATURES
MAY VARY IN SIZE AND LOCATION
COLORS MAY VARY



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INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE: NONE SHEET: 1 OF 1

DESCRIPTION

POWER CABLE ASSY, NEMA 5-20P TO L5-20R,
SJTOW 12AWG X 3C 105°C

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	30992	AKRESOWSKI	TTA00086	A

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