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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	B1	UPDATED MARKINGS	30APR2020	SR	MZ
	C	UPDATED MARKINGS	16SEP2020	SB	SVC
	C1	CORRECTED MARKINGS	23SEP2020	MHS	SVC
	D	UPDATED MARKINGS	09JUN2021	MHS	SVC

Note:

1. CONSTRUCTION AND DIMENSIONS

CONDUCTOR			INNER LAYER		OUTER LAYER		
SIZE	MATERIAL	WIRE AND STRANDS (mm)	MATERIAL	COLOUR	MATERIAL	COLOUR	O.D.(mm)
2.5 mm^2/14 AWG	STRANDED TINNED COPPER	47X0.25	XLPO	WHITE	XLPO	BLACK	5.94±0.10

2. ELECTRICAL CHARACTERISTICS (AT +20 °C)

VOLTAGE RATING	
EN 50618	1000 V AC; MAX 1500 V DC
IEC 62930	1000 V AC; MAX 1500 V DC
UL 4703	1000 V AC OR 2000 V AC
TEMPERATURE RATING	-40 °C~90 °C, UP TO 105 °C AT DRY CONDITION
INSULATION RESISTANCE	MIN 1000 MΩ.KM
SPARK TEST	10000 V AC
VOLTAGE WITHSTAND	6500 V AC
CONDUCTOR DC RESISTANCE	MAX 8.21 Ω/KM

3. MECHANICAL, ENVIRONMENTAL AND OVERALL CHARACTERISTICS

BENDING RADIUS:

DYNAMIC: >=5 XO.D.

STATIC: >=4 XO.D.

FLAMMABILITY: VW, IEC60332-1-2

4. STANDARD:

EN 50618

IEC 62930

UL 4703, UL 44, UL 854, UL 1581, UL 2556

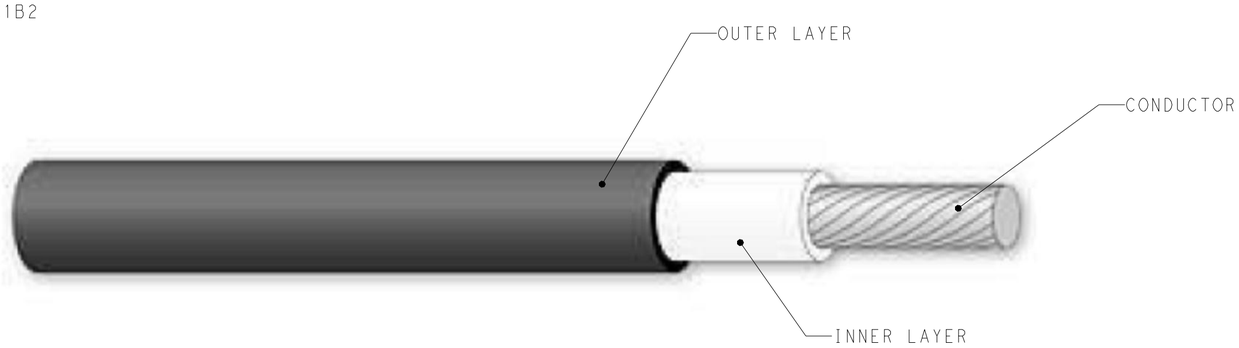
5. MARKING

2.5 mm^2/14 AWG

‡TE CONNECTIVITY E337795-B (UL) 14 AWG PV WIRE 105 °C DRY 90 °C WET 1000 V OR 2000 V SUN RES -40 °C DIR BUR

TE CONNECTIVITY SLKC1B2 62930 IEC 131 & H1Z2Z2-K 1x2.5mm² HALOGEN FREE LOW SMOKE TÜV RHEINLAND R50504531 & R50504536 (BATCH YYMMDD)‡

6. MODEL CODE: SLKC1B2



TE PN	PACKAGING
2328394-1	5KM, 6KM, 8 KM/REEL
2328394-2	1000 M/REEL
2328394-3	500 M/REEL
2328394-4	100 M/REEL

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL - -

FINISH - -

DWN M. ZUCCA 06DEC2018
CHK M. ZUCCA 06DEC2018
APVD M. ZUCCA 06DEC2018

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

TE Connectivity

NAME SOLAR CABLE,PV WIRE 2.5 SQMM/14 AWG, UL 4703 AND IEC 62930

SIZE A2 | CAGE CODE - | DRAWING NO C-2328394 | RESTRICTED TO

CUSTOMER DRAWING | SCALE - | SHEET 1 OF 1 | REV D