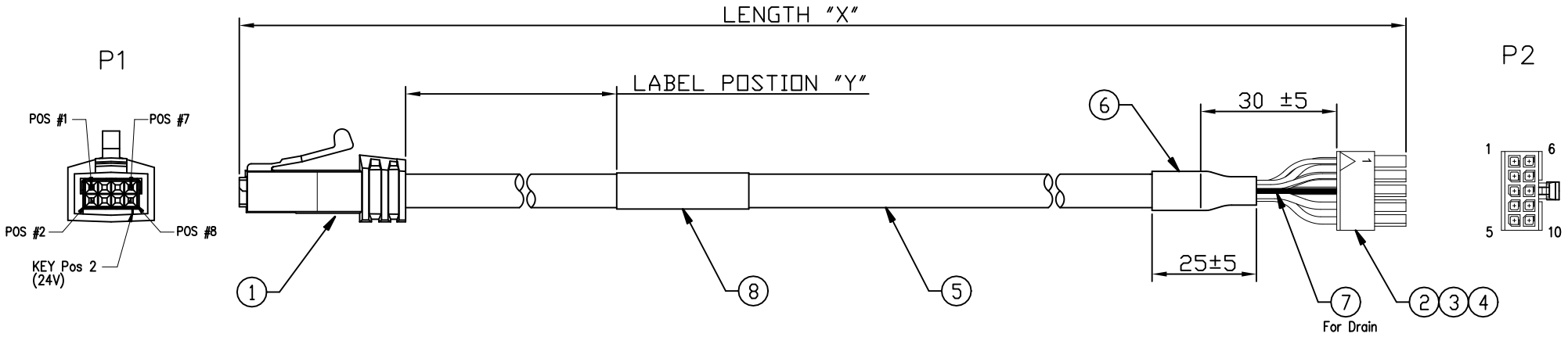
PRODUCT NUMBER	POWER TYPE	LENGTH "X"	LENGTH "X"
10124667-Z0025YYLF	24V	250+25/-0	60±10
10124667-Z0014YYLF	24V	140+25/-0	30±10



PIN ASSIGNMENT			
P1	WIRE COLOR	WIRE AWG	P2
4	GREEN	28	1
6	WHITE	28	2
SHELL	DRAIN	–	3
1	BLUE	20	4
7	YELLOW	20	5
2	BLACK	20	6
8	RED	20	7
	–	–	8
3	BROWN	20	9
5	ORANGE	20	10

ITEM	Q'TY	UNIT	DESCRIPTION
8	1	EA	ADHESIVE LABEL.
7	AR	MM	SMALL HEAT SHRINK TUBING, BLACK.
6	AR	MM	LARGE HEAT SHRINK TUBING, BLACK.
5	AR	MM	USB+POWER CABLE: 28AWG*1P+20AWG*6C+SHIELD, BLACK.
4	3	EA	TERMINAL, FOR 26~30AWG, TYCO: 1-794607-2
3	7	EA	TERMINAL, FOR 20~24AWG, TYCO: 1-794606-2
2	1	EA	HOUSING, RECEPTACLE, 10POS, TYCO: 1-794617-0
1	1	EA	2X4 LATCH-N-LOK 360° SHIELDED PLUG CONNECTOR KIT, <24V> KEY POSITION 2, BLACK, FCI P/N: 98028-8042LF.

mat'l. code

surface ISO 1302 | tolerance ISO 406 ISO 1101 | projection

tolerances unless otherwise specified

ltr	ecn no	dr	date
A	/	Carl	3/12'13
B	N-36244	Steven	3/9'20

angles | linear

MM

scale N/A

dr	Steven Chen	3/9'20
engr	Dong Tang	3/9'20
chr	Tim Yao	3/9'20
appd	Tim Yao	3/9'20

sheet index | revision sheet | B 1

product family: Cable Assembly

title: CABLE: 2X4 LATCH-N-LOK(24V) TO TYCO MATE-N-LOK (ROHS)

dwg no 10124667 | sheet 1 of 2 | size A3

type Customer Drawing

Amphenol FCi

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form: A3-2016-02-24

PDS: Rev :B STATUS: Released Printed: Mar 10, 2020

PRODUCT NUMBER	LENGTH	EQUINOX P/N & REV.
10155700-Z0031YYLF	310±15	810445-001E Rev.A

NOTES:

1. 2x4 LATCH-N-LOK MATES WITH FCI PART NUMBER:
   74355-XYY2LF OR 87316-XYY2LF OR EQUIVALENT.
   TE SIDE MATTE WITH TE P/N: 4-794632-0 OR 4-79468-0 OR EQUIVALENT.
2. UNLESS OTHERWISE SPECIFIED ASSEMBLIED LENGTH TOLERANCE:
   =< 1 METER= ±15.0mm
   > 1 METER TO 10 METER= ±2% OF L1 OR L2
   > 10 METER= +0%/-4% OF L1 OR L2
3. PART NUMBER SCHEME FOR CABLE ASSEMBLY:
   10124667 - Z X X X X Y Y LF
   - LF: LEAD FREE
   - NOT APPLICABLE TO THIS ASSEMBLY
   - NOT APPLICABLE TO THIS ASSEMBLY
   - LENGTH (METERS & CENTIMETERS)
     0025: 0 METERS 25 CENTIMETERS
   - WIRE GAGE
     Z: MULTIPLE WIRE GAGE
4. UNLESS OTHERWISE SPECIFIED LABEL POSITION SHALL BE APPROXIMATELY 60mm FROM REAR OF CONNECTOR.
5. UNLESS OTHERWISE SPECIFIED STANDARD LABEL SHALL BE BRADY LABEL P/N THT-10-427-30.
   LABEL DETAILS:

FCI	---MANUFACTURER CODE OR NAME
10124667-Z00**YYLF	---FCI P/N
	---REVISION
WWYY	---DATE CODE WWYY FORMAT
MADE IN CHINA	---COUNTRY ORIGIN

6. ALL CABLE ASSEMBLIES SHALL BE TESTED 100% FOR CONTINUITY AS DEFINED IN WIRING LIST.
7. UNLESS OTHERWISE SPECIFIED ALL CABLE ASSEMBLIES SHALL BE 100% HI-POT TESTED: DC 300V/10ms
8. OTHER ELECTRICAL SPECIFICATIONS:
   DIELECTRIC RESISTANCE: 50M Ohms MIN.
   CONNECTION RESISTANCE: 1.2 Ohms MAX.
9. THIS DIMENSION IS A FINISHED PRODUCT LENGTH.
10. LEAD FREE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
11. CONNECTOR ASSEMBLIES SHOWN ARE FOR REFERENCE ONLY AND MAY NOT SHOWN ALL PART DETAIL, REFERENCE CONNECTOR ASSEMBLY DRAWINGS FOR COMPLETE DETAILS.
12. PACKAGE: EACH CABLE ASSEMBLY IN CLEAR ZIP-LOCK BPLY BAG, THEN BULK PACKED IN A BOX.
13. SEE BOM ON SHEET 1
14. CUT OFF ALL THE BRAID AND AL/MYLAR FOIL BY THE EDGE OF CABLE JACKET BUT REMAIN THE DRAIN WIRE, THEN INSERT THE DRAIN WIRE INTO THE 0.6MM HEAT SHRINK TUING (ITEM 7) FOR SHRINKING.

ltr	ecn no	dr	date
B	N-36244		

dr	Steven Chen	3/9'20
engr	Dong Tang	3/9'20
chr	Tim Yao	3/9'20
appd	Tim Yao	3/9'20

mat'l. code | surface ISO 1302 | tolerance ISO 406 ISO 1101 | projection | product family: Cable Assembly

tolerances unless otherwise specified | angles | linear | MM | scale N/A

title: CABLE: 2X4 LATCH-N-LOK(24V) TO TYCO MATE-N-LOK (ROHS)

dwg no 10124667 | sheet 2 of 2 | size A3 | type Customer Drawing

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