

6

5

4

3

2

1

REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	UPDATED PER ECO-14731	07/11/2025	BZHANG	GUTTADAURO

F

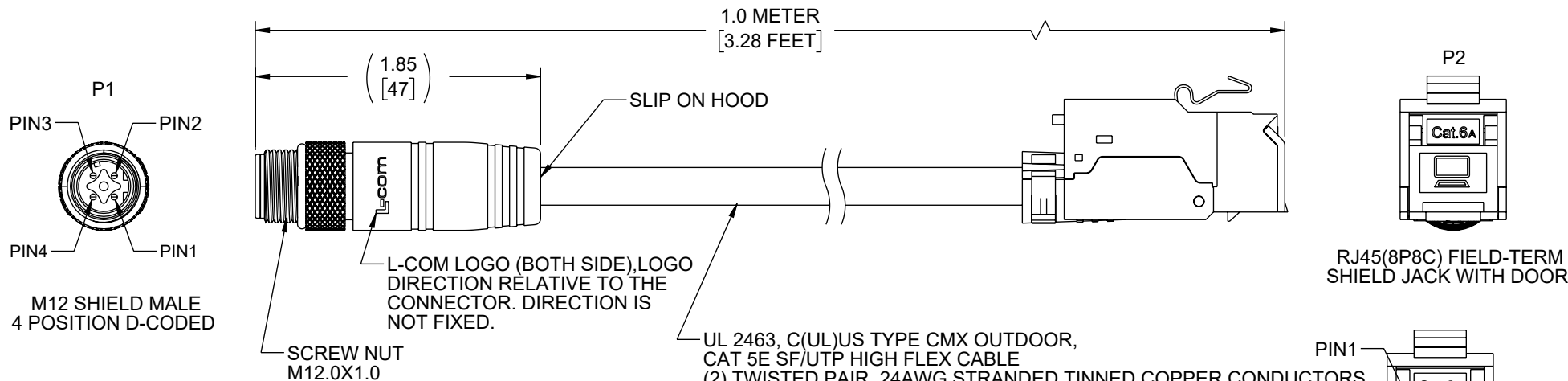
E

D

C

B

A



## NOTES

## MATERIAL:

SLIP ON HOOD: THERMOPLASTIC POLYURETHANE, BLACK  
M12 INSULATOR: NYLON, BLACK  
M12 SHELL/SCREW NUT: BRASS, NICKEL PLATE  
M12 CONTACTS: PHOSPHOR BRONZE, 15μ" MIN. GOLD PLATE  
RJ45 JACK HOUSING/CAP: ZINC ALLOY DIE-CAST  
RJ45 JACK INSULATOR: HIGH IMPACT FLAME RETARDANT PLASTIC  
RJ45 JACK SPRING SHIELDING: COPPER ALLOY, NICKEL PLATE  
RJ45 JACK CONTACTS: PHOSPHOR BRONZE, GOLD PLATE IN CONTACT AREA OVER NICKEL PLATE

## ELECTRICAL:

NOMINAL VOLTAGE RATING: 125 VAC/VDC  
MAX CURRENT: 1.5A

## APPLICATION:

INGRESS PROTECTION RATING IS IP67(MATED,P1 ONLY).

## ENVIRONMENTAL:

OPERATING TEMPERATURE RANGE: -40°C TO +68°C  
CABLE JACKET: OIL, SUNLIGHT AND WELD SPLATTER RESISTANT  
CABLE FLEX LIFE: 1 MILLION CYCLE TEST (10X CABLE OD)  
10 MILLION CYCLE TEST (20X CABLE OD)

## MISCELLANEOUS

CABLE ASSEMBLIES TO BE TESTED FOR CONTINUITY  
CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

## REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

6

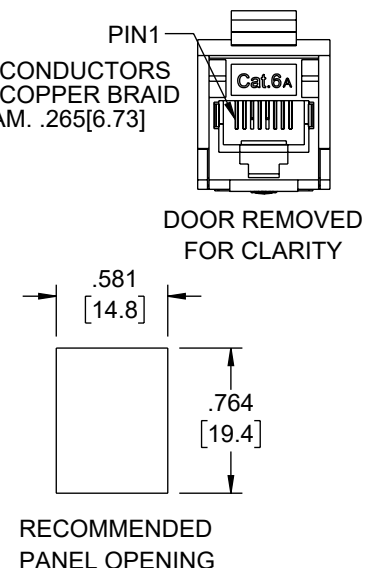
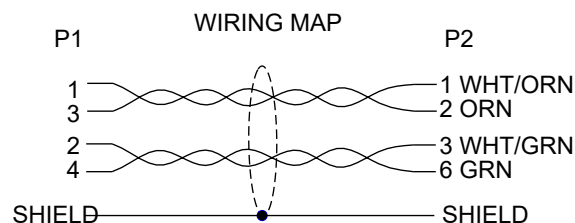
5



4

3

2

1



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS		<div>L-com®</div> <div>an INFINITE® brand</div> <div>Website: <a href="http://www.L-com.com">www.L-com.com</a></div> <div>Phone: 1.800.341.5266   1.978.682.6936</div>		 	
TOLERANCES:				INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
X = ±.2 [5] .XX = ±.02 [0.5] .XXX = ±.005 [0.13]		FRACTIONS ± 1/32 ANGLES ± 1°		SCALE	SHEET
				NONE	1 OF 1
CABLE LENGTH TOLERANCES		DESCRIPTION			
≤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		CATEGORY 5e M12 IP68 4 POSITION D CODE DOUBLE SHIELDED SF/UTP INDUSTRIAL OUTDOOR HIGH FLEX CABLE, M12 M TO RJ45 F, CMX TPE, TEAL, 1.0m			
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		SIZE	CAGE CODE	DRAWN BY	ITEM NO.
		A	43321	BZHANG	TRG525-T4T-1M
					REV
					B