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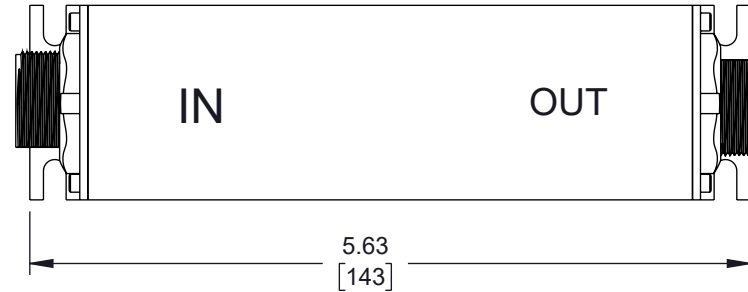
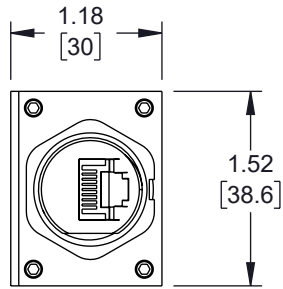
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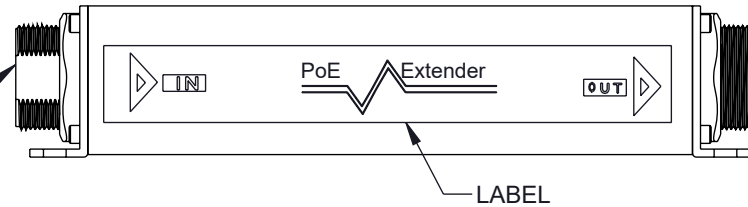
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REVISION

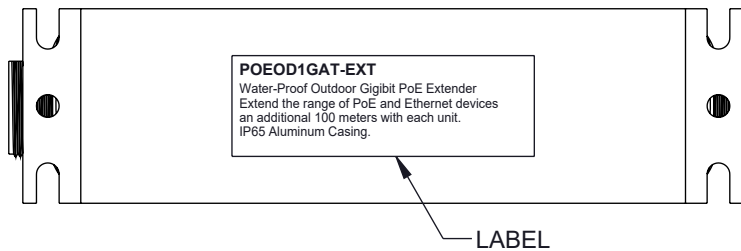
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	12/14/2023	AKRESOWSKI	GUTTADAURO



RJ45 JACK
SEE NOTE 1 AND NOTE 2



RJ45 JACK
SEE NOTE 1 AND NOTE 2



NOTES:

- CONNECTOR COVERS (NOT SHOWN) ARE PROVIDED WITH POE EXTENDER.
- ORIENTATION OF RJ45 JACK IS SHOWN FOR REFERENCE ONLY.
- SEE SHEET 2 FOR SPECIFICATIONS.

REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENTLY RELEASED VERSION).

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

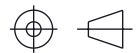
TOLERANCES:
 .X = ±.2 [5] FRACTIONS
 .XX = ±.02 [0.5] ± 1/32
 .XXX = ±.005 [0.13] ANGLES ± 1°

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	SHEET
NONE	1 OF 2

DESCRIPTION

POE EXTENDER, IP65 METAL OUTDOOR WATER RESISTANT,
1-PORT, GIGABIT 10/100/1000 IEEE 802.AT OR 802.AF, UP TO
30W, UP TO 100 METER EXTENSION

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	AKRESOWSKI	POEOD1GAT-EXT	A

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SPECIFICATIONS		MAXIMUM LENGTH		
ITEM	DESCRIPTION	PoE DEVICE (PD)	PoE INJECTOR SWITCH 1EEE802.3af (MAX 15.4W)	PoE INJECTOR SWITCH 1EEE802.3at (MAX 30W)
NO. OF CHANNELS	1			
PASS THROUGH DATA RATES	10/100/1000 Mbps HALF/FULL DUPLEX	IEEE802.3af CLASS 1 NO MORE THAN 4W	400 METERS (3 UNITS PoE EXTENDER)	500 METERS (4 UNITS PoE EXTENDER)
PoE INPUT	PIN ASSIGNMENT AND POLARITY: BOTH 1/2 (-), 3/6 (+) AND 7/8 (-), 4/5 (+)	IEEE802.3af CLASS 2 NO MORE THAN 6W	300 METERS (2 UNITS PoE EXTENDER)	400 METERS (3 UNITS PoE EXTENDER)
PoE OUTPUT	PIN ASSIGNMENT AND POLARITY: 1/2 (-), 3/6 (+) OUTPUT POWER: UP TO 22 W	IEEE802.3af CLASS 0 AND 3 NO MORE THAN 12W	200 METERS (1 UNIT PoE EXTENDER)	300 METERS (2 UNITS PoE EXTENDER)
CONNECTORS	SHIELDED RJ45, EIA 568A AND 568B	IEEE802.3af	NOT APPLICABLE	200 METERS (1 UNIT PoE EXTENDER)
NETWORK CABLES	SHIELDED CATEGORY 5 (OR HIGHER)	NO MORE THAN 22W		
DIMENSIONS	143 mm X 38.6 mm X 30 mm			
WEIGHT	0.11 Kg			
MOUNTING	WALL OR SHELF			
ENVIRONMENT	OUTDOOR IP65			
ENVIRONMENTAL CONDITIONS	OPERATING AMBIENT TEMPERATURE: -40° TO 75° C OPERATING HUMIDITY: MAX 90%, NON-CONDENSING STORAGE TEMPERATURE: -40° TO 75° C STORAGE HUMIDITY: MAX 95%, NON-CONDENSING			
REGULATORY COMPLIANCE	IEEE 802.3af (PoE), IEEE 802.3at (PoE+) RoHS COMPLIANT, CE, FCC			
ELECTROMAGNETIC	FCC PART 15, CLASS B			
IEEE STANDARDS	IEEE 802.3af (POWER OVER ETHERNET) IEEE 802.3at (HIGH POWER OVER ETHERNET) IEEE 802.3 (10Base-T ETHERNET) IEEE 802.3ab (GIGABIT ETHERNET) IEEE 802.3u (100Base-TX FAST ETHERNET) IEEE 802.3x (FLOW CONTROL, FOR FULL DUPLEX MODE)			
MEDIA STANDARDS	100BASE-TX CAT5 UTP RJ45, 8-PIN 1000BASE-TX CAT5E/6 UTP RJ45, 8-PIN			
PORTS	ONE RJ45 10/100/1000 Mbps INPUT PORT ONE RJ45 10/100/1000 Mbps DATA+POWER OUTPUT PORT			
PROTECTION FUNCTIONS	SHORT CIRCUIT PROTECTIONS FOR SHORT GND OVERLOAD PROTECTIONS FOR CURRENTS OVER 0.6A			

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 an INFINIT® brand Website: www.L-com.com Phone: 1.800.341.5266 1.978.682.6936		 INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5		
		SCALE NONE	SHEET 2 OF 2	
DESCRIPTION POE EXTENDER, IP65 METAL OUTDOOR WATER RESISTANT, 1-PORT, GIGABIT 10/100/1000 IEEE 802.AT OR 802.AF, UP TO 30W, UP TO 100 METER EXTENSION				
SIZE A	CAGE CODE 43321	DRAWN BY AKRESOWSKI	ITEM NO. POEOD1GAT-EXT	REV A

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