MODEL 50-21

CHIP-LOK™

COB ARRAY HOLDER

FEATURES/BENEFITS:



-METAL HOLDER BASE IS RESISTANT TO CREEP TO PREVENT THERMAL AND ELECTRICAL ISSUES TYPICAL AT ELEVATED OPERATING TEMPERATURES OVER TIME
-COB HOLDING ARM SECURES ARRAY TO HOLDER FOR EASE OF INSTALLATION
- KEYWAYS ALLOW FOR PRE-INSTALLATION OF SCREWS TO EASE ASSEMBLY AND MINIMIZE DAMAGE TO PHOSPHOR
-TOUCH-SAFE DESIGN IS UL RECOGNIZED FOR 250V TO ALLOW USE IN DAISY CHAINED APPLICATIONS
-STAINLESS STEEL BODY PROVIDES ADDITIONAL HEAT SINKING PATHS TO ALLOW ARRAY TO RUN COOLER COMPARED WITH SCREWS AND PLASTIC HOLDERS.

ELECTRICAL:

VOLTAGE:	250 V MAX
CURRENT:	4 A MAX

MECHANICAL:

DIAMETER:	1.97 in (50.0 mm)
HEIGHT:	0.28 in (7.2 mm) MAX
WEIGHT:	0.28 oz (7.8 grams)
SCREW SIZE:	#5-40 (M3)
SCREW TORQUE	4 in-lb(0.4 Nm)
SCREW CIRCLE DIA:	1.38 in (35.0 mm)
WIRE STRIP LENGTH:	1/4"-5/16" (7 mm)

PHYSICAL:

BASE PLATE:	301 SS
CONTACT HOUSING:	THERMOPLASTIC
ELECTRICAL CONTACTS:	COPPER ALLOY
PLATING:	SILVER OVER NICKEL
TEMPERATURE:	110ºC

RoHS AND REACH COMPLIANT
HALOGEN FREE, NON-CHLORINATED & NON-BROMINATED FLAME RETARDANT

STANDARDS & SPECIFICATIONS:

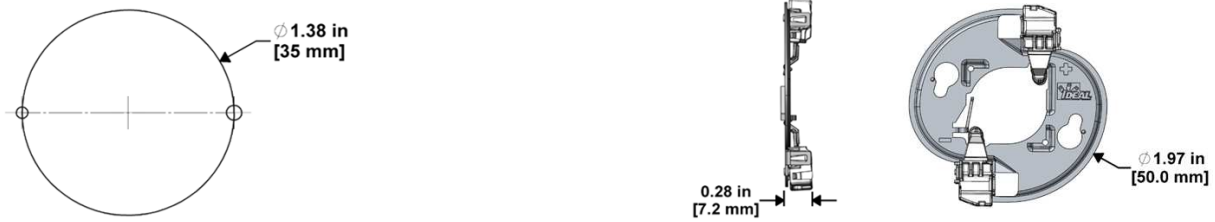
RECOGNIZED COMPONENT UL 496 (US/CANADA)
EIA -364-1000 (THERMAL CYCLING)
EIA-364-31 (THERMAL SHOCK & HUMIDITY)
EIA-364-17 (ELEVATED TEMPERATURE - LIFE)
UL 2459 (CURRENT CYCLING - TEMP RISE
IEC 60068-2-7 (VIBRATION)

US & FOREIGN PATENTS PENDING

WIRE RANGE:

	AWG (UL 496)	METRIC
SOLID	18-24 AWG	0,75 - 0,25 mm2
STRANDED	18-22 AWG	0,75 - 0,25 mm2
TIN BONDED	18-24 AWG	0,75 - 0,25 mm2

DIMENSIONS:



ORDERING INFO:

CATALOG #	MANUFACTURER	COB ARRAY		CARTON QTY:	WEIGHT LBS (KG):
50-2101CR	CREE	CXA18		500	9.2 (4,2)
50-2102CR	CREE	CXA25		500	9.2 (4,2)
50-2100NC	PHILIPS LUMILEDS	1203		500	9.2 (4,2)
50-2100SH	PHILIPS LUMILEDS	1204, 1205, 1208		500	9.2 (4,2)
50-2100BL	BRIDGELUX	ES		500	9.2 (4,2)
50-2103CT	CITIZEN	CLL030		500	9.2 (4,2)
50-2100SH	SHARP	MEGA ZEN		500	9.2 (4,2)
50-2100NC	NICHIA	110/204		500	9.2 (4,2)
50-2103NC	NICHIA	360		500	9.2 (4,2)
50-2100LG	LG			500	9.2 (4,2)

FACTORY CONTACT:

ENGINEERED SOLUTIONS
IDEAL INDUSTRIES, INC.
1375 PARK AVENUE SYCAMORE IL USA 60178
P: 1-800-324-9571
F: 1-888-222-6140
E: oem@idealindustries.com

SALES CONTACT:

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