



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 (ON SOME MODELS) 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 (cUL)* 150 V MAX (ENEC)*
CURRENT:	4 A MAX (cUL)* 2 A MAX (ENEC)
*SEE ORDERING INFORMATION BELOW FOR EXCEPTIONS	

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:	#4 or #5 (M3)
SCREW TORQUE:	2.5-4.5 in-lb (0.3-0.5 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:	110°C
RoHS AND REACH COMPLIANT HALOGEN FREE, NON-CHLORINATED & NON-BROMINATED FLAME RETARDENT	

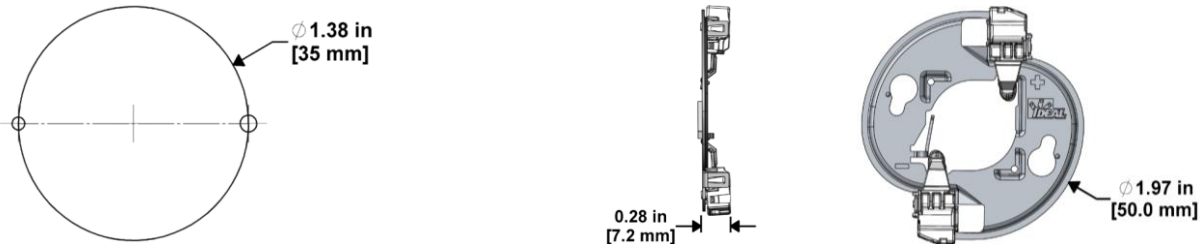
STANDARDS & SPECIFICATIONS:

RECOGNIZED COMPONENT UL 496 (US/CAN) & ENEC CERTIFIED
 ENEC-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 (ENEC)
SOLID	18-24 AWG	0,25 - 1,00 mm2
STRANDED	18-22 AWG	0,50 - 1,00 mm2
TIN BONDED	18-24 AWG	0,25 -1,00 mm2

DIMENSIONS:



ORDERING INFO:

CATALOG #	MANUFACTURER	COB ARRAY	CARTON QTY:	WEIGHT LBS (KG):
50-2103CT	CITIZEN	CLU03x	500	9.2 (4,2)
50-2101CR	CREE	CX_18	500	9.2 (4,2)
50-2102CR	CREE	CX_25	500	9.2 (4,2)
50-2103CT	EDISON*	2PHM16/2PHM30*	500	9.2 (4,2)
50-2100LG	LG INNOTEK*	LEMWM18*	500	9.2 (4,2)
50-2100NC	NICHIA	110/121/204	500	9.2 (4,2)
50-2103NC	NICHIA	216/360	500	9.2 (4,2)
50-2100NC	PHILIPS	1203	500	9.2 (4,2)
50-2100SH	PHILIPS	1204/1205/1208	500	9.2 (4,2)
50-2102SL	SAMSUNG	LCD026	500	9.2 (4,2)
50-2103CT	SEOUL	SDWx2/SDWx3	500	9.2 (4,2)
50-2100SH	SHARP	MEGA ZENIGATA	500	9.2 (4,2)

* ARRAY HAS EXPOSED COMPONENTS; CLASS 2/SELV APPLICATIONS ONLY UNLESS LUMINARIE PROVIDES SUFFICIENT ELECTRICAL PROTECTION.

ORDERING INFO:

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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