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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

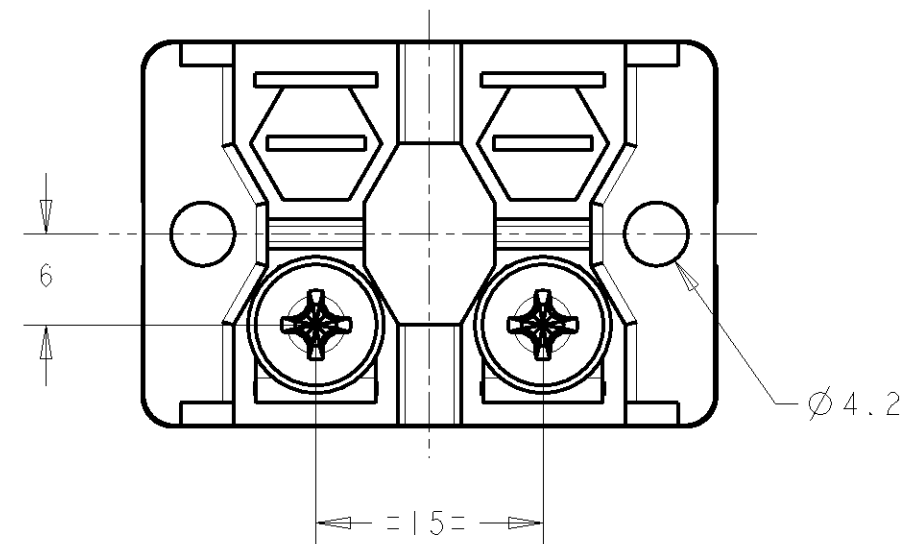
B1

REVISED PER ECO-11-005150

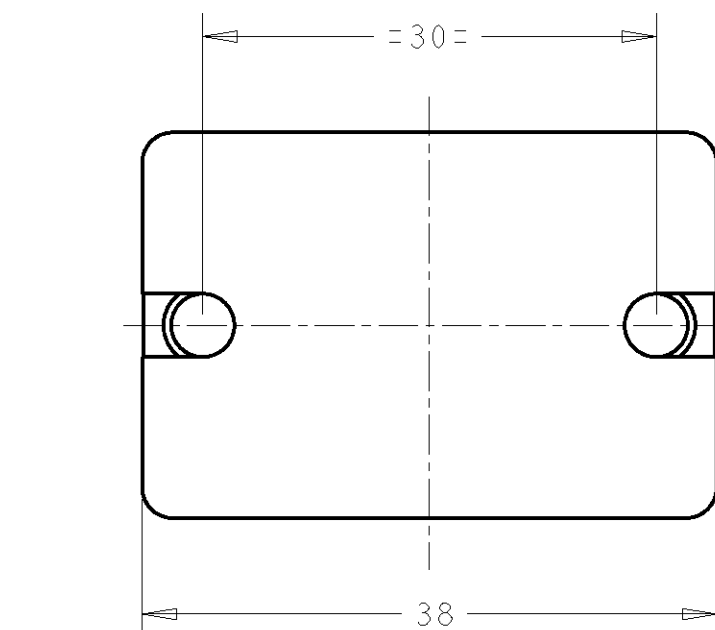
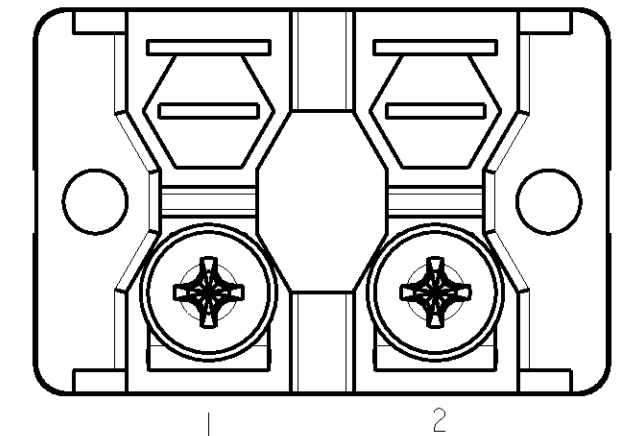
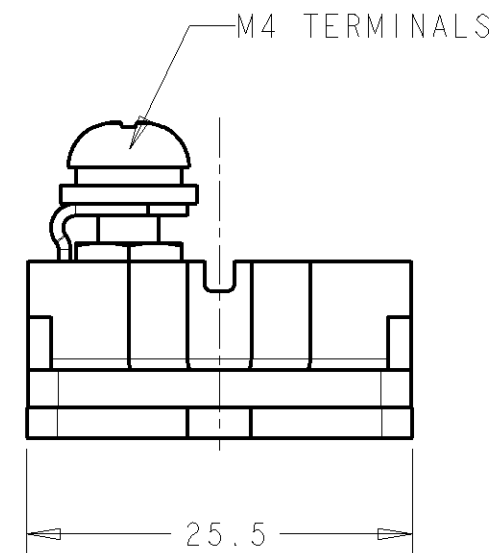
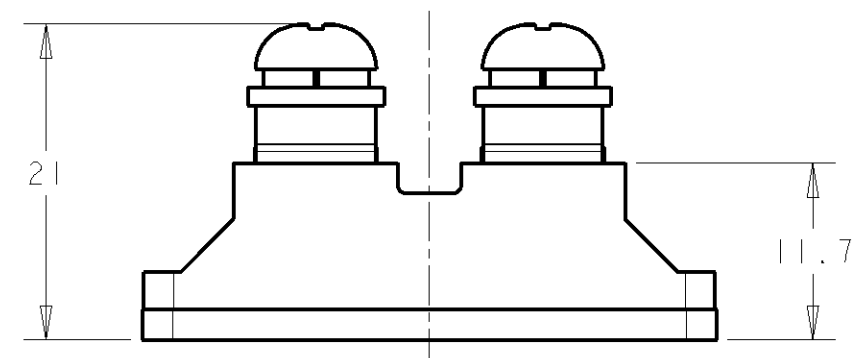
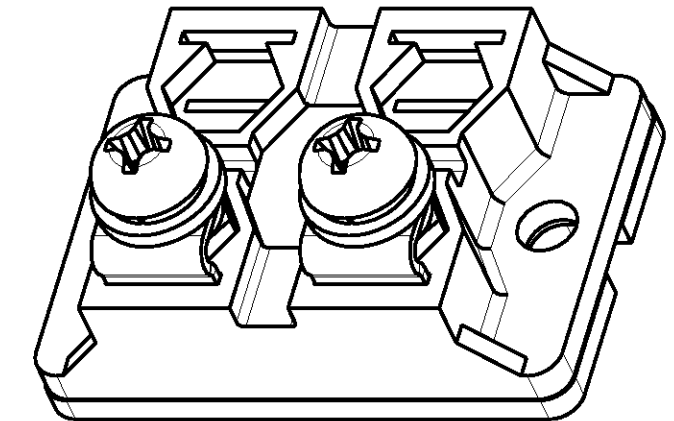
28MAR11

RK

HMR



TYPE	POWER RATING AT 60°C	RESISTANCE	TOLERANCE
BDS 2A	100 Watts	1R to 1MΩ	K = ±10% J = ± 5%



LIMITING ELEMENT VOLTAGE: 500V dc/ac rms (100W or less)
ISOLATION VOLTAGE (TERMINAL TO HEATSINK): 2.5kV
SINGLE SHOT (1,5/50ms): 4kV
MAXIMUM RATED POWER (HEATSINK TEMP @ 60°C): 100W
SHORT TERM OVERLOAD: 3 x RATED POWER, 10 sec's
PARTIAL DISCHARGE: <20pC/2kV



RoHS COMPLIANT

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN T MOORE 15MAR2005	TE Connectivity	
			CHK J CATCHPOLE 5MAR2005		
			APVD J CATCHPOLE 5MAR2005	NAME BDS2A100	
			PRODUCT SPEC		
			APPLICATION SPEC		
			WEIGHT 35g	SIZE A3	CAGE CODE 00779
			CUSTOMER DRAWING	DRAWING NO C-1614782	RESTRICTED TO
				SCALE 2:1	SHEET 1 OF 1
					REV B1

Mouser Electronics

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