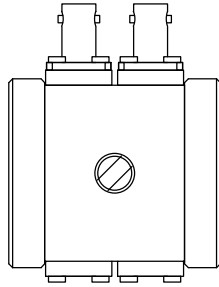


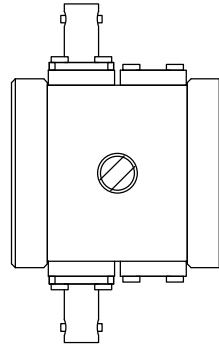
EM500-1T-

Single terminal, used for connection to single ended drivers, e.g. simple pulse drivers or switch to ground drivers in off Q-switching quarter wave mode



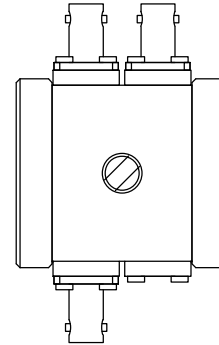
EM500-2T-

Two terminal, used with differential drivers such as our series 5000 amplifier or when connected to a pair of switch to ground drivers for pulse slicing or regen amplifier operation



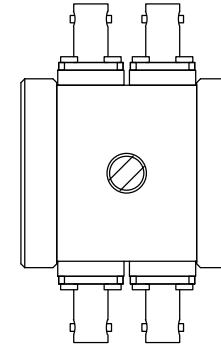
EM500-TT-

Two terminal through connection for use with 50 ohm load connected to opposite terminal for fastest switching speeds



EM500-3T-

Three terminal, rarely used but available for special applications



EM500-4T-

Four terminal for pulse picking or slicing when used with switch to ground step generator or as through terminated cell for use with a pair of very fast switch to ground drivers.

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EM500 Q-SWITCH CONNECTOR CONFIGURATION

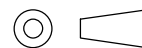
Scale
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Drawn
SJP

Approved

Issue
1

Date
19/09/07



Drawing No.

Tolerances Unless ± 0.1
Otherwise Stated