



GLOBAL CUSTOMER PCN NOTIFICATION

PCN Number: CO109579

PCN Notification Date	10/02/2021
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Description of Change	<ol style="list-style-type: none"> 1. New FW version TCP3500-1048G.F1.02.02.08 for models TCP3500-1048G and TCP3500-H048G. 2. New PCB of Control Board for all models of TCP3500 series and related BOM update. 3. Update Test Instruction TCP3500-1048G.TI: Changing Default Factory Settings of models TCP3500-1048G and TCP3500-H048G. Output Voltage will be enabled by Software at Factory Settings.. 4. New Top cover for models TCP3500-1048G and TCP3500-H048G.
Reason for Change	<ol style="list-style-type: none"> 1. New Fw version: Improvements from models TCP3500-1024G and TCP4000-H090 2. New PCB of Control Board and related Hardware changes: Improvements from models TCP3500-1024G and TCP4000-H090 (according Component Derating report) 3. Update Test Instruction: Default Factory Settings was Output Voltage disabled by Software and new customer needs to use RS485 communication to enable Output Voltage. 4.) New Top Cover is improvements from models TCP3500-1024G and TCP4000-H090 (EMC improvements)
Summary of Changes Between New and Old Part	Some PCBs and mechanical components are shared with all TCP's models. Those changes are improvements from another models: TCP3500-1024G and TCP4000-H090.
Traceability Guidelines (lot code/date code, markings, ship date)	Revision of all Finish Goods will be changed.
Last Time Buy Date	N/A
Datasheet	https://www.belfuse.com/resources/datasheets/powersolutions/ds-bps-tcp3500-series.pdf
Qualification/Test Data	New Fw 2.2.08 and some Hardware changes have been tested by CR-000132.
Impact on Reliability	These changes improve reliability - improvements from Component Derating report.

Bel Power Solutions Old PN or Process	Bel Power Solutions New PN or Process				
TCP3500-1048S101G revision A	TCP3500-1048S101G revision B				
TCP3500-1048G revision A	TCP3500-1048G revision B				
TCP3500-H048G revision A	TCP3500-H048G revision B				
TCP3500-1048S368G revision A	TCP3500-1048S368G revision B				
TCP3500-1048S545G revision 2	TCP3500-1048S545G revision 3				