



Product Change Notification

TE Connectivity

Product Change Notification: E-16-001391

PCN Date: 25-APR-16

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:

HIGH CURRENT CONNECTORS GPL 268

Description of Changes

CHANGE CONTACT MATERIAL FROM COPPER-IRON ALLOY STRIP PER UNS C19500 TO COPPER-IRON ALLOY STRIP PER UNS C19400. CURRENT CONTACT MATERIAL IS A PROPRIETARY ALLOY PROVIDED EXCLUSIVELY BY ONE SUPPLIER. THIS SUPPLIER HAS EXHIBITED QUALITY ISSUES WITH MATERIAL SUPPLIED TO TE AND HAS RAISED MIN ORDER QUANTITIES TO A LEVEL UNSUITABLE TO TE MANUFACTURING. THE NEW MATERIAL IS MORE COMMERCIALY AVAILABLE, RESULTING IN LEAD TIME REDUCTIONS AND BETTER PRODUCT AVAILABILITY.

Reason for Changes:

Product Improvement. RE-QUALIFICATION TESTING FOR THE C19400 MATERIAL HAS BEEN COMPLETED IN ACCORDANCE WITH HIGH CURRENT PRODUCT SPEC 108-9045. ALL REQUIREMENTS WERE MET WITH THE EXCEPTION OF CONTACT ENGAGING FORCE AND CONNECTOR MATING FORCE. CONTACT ENGAGING FORCE REQUIREMENT IS 40 OZ MAX, TEST RESULTS MEASURED AN AVERAGE OF 67.99 OZ WITH A STANDARD DEVIATION OF 6.16 OZ. FOR CONNECTOR MATING FORCE THE REQUIREMENT IS 48 OZ MAX PER CONTACT, TEST RESULTS MEASURED AN AVERAGE OF 56.75 OZ WITH A STANDARD DEVIATION OF 7.41 OZ. PRODUCT SPEC 108-9045 WILL BE UPDATED TO INCORPORATE THESE NEW VALUES.

Estimated Dates:

Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):
	22-JUL-2016
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
	No Mixed Shipments

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
5-530517-2	NO						
5-530518-1	NO						
5-531353-5	NO						
530519-2	NO						
530519-3	NO						
530520-1	NO						
531353-3	NO						
531353-6	NO						

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
5-530517-2	NO						
5-531353-5	NO						
530519-3	NO						
531353-6	NO						

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
5-530518-1	NO						
531353-6	NO						

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
5-530517-2	NO						
5-530518-1	NO						
5-531353-5	NO						
530519-3	NO						
531353-6	NO						

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530519-2	NO						
530519-3	NO						
530520-1	NO						
531353-3	NO						
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530519-2	NO						
530520-1	NO						
531353-3	NO						
531353-6	NO						