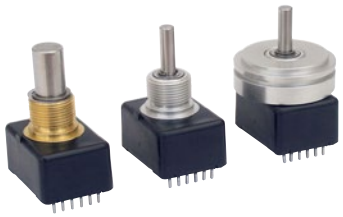
BOURNS®

PRODUCT CHANGE NOTIFICATION

ENCODERS



REVISED June 25, 2020

Bourns® EMS Non-Contacting Absolute Encoder Connector Change

Model EMS22A and EMS22Q Series

Riverside, California – May 26, 2020 – Effective ~~immediately~~ September 1, 2020, the connector used for the Bourns® Model EMS22A and EMS22Q series will be changed to the Molex 051065-0600. The current connector has been discontinued by the manufacturer. The dimensions of the Molex 051065-0600 are slightly different than the original connector but the replacement connector is made with comparable materials. The change in dimensions shown on the following page could impact the customer's application. Affected part numbers are listed below.

The change in dimensions will affect the form and fit of the product. This change will have no effect on the function, quality or reliability. Samples for evaluation are available upon request.

Affected Part Numbers		
EMS22A50-D28-MT6	EMS22A30-C28-MS6	EMS22Q51-B28-WS3

Implementation date code is as follows:

Last Time Buy Date: ***September 1, 2020***
Last Time Ship Date: ***October 27, 2020***
First date code using the above changes: ***~~2021~~ 2036***

If you have any questions or need additional information, please feel free to contact Customer Service/Inside Sales.

Users should verify that the described change will not impact the performance of the product in their specific applications.

SC1979 REV

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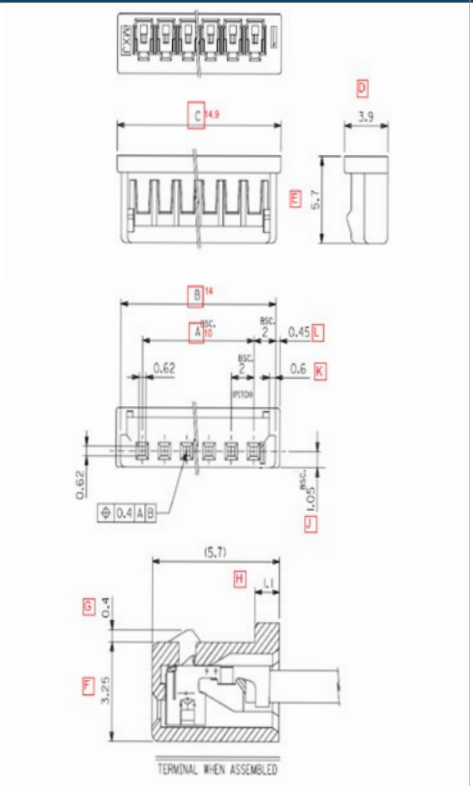
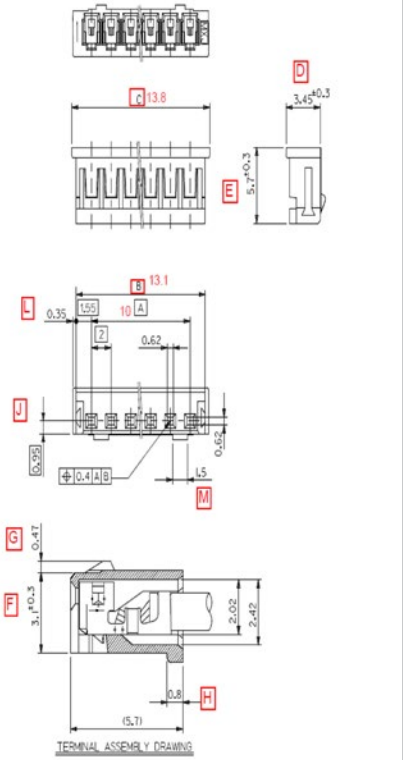
Current Connector	New Connector
	

Comparison

Description	Current P/N: 051090-0600	Replacement P/N: 051065-0600	Replacement meets spec
Agency Certification			
CSA	LR19980	LR19980	✓
UL	E29179	E29179	✓
Physical Specification			
Color - Resin	Natural	Natural	✓
Flammability	94V-0	94V-0	✓
Gender	Receptacle	Receptacle	✓
Glow-Wire Capable	No	No	✓
Material - Resin	Polyester	Polyester	✓
Net Weight	197.000/mg	159.700/mg	✓
Number of Rows	1	1	✓
Pitch - Mating Interface	2.00mm	2.00mm	✓
Temperature Range - Operating	-40° to +105°C	-40° to +105°C	✓
Dimensional			
DIM A	10	10	✓
DIM B	14	13.1	X
DIM C	14.9	13.8	X
DIM D	3.9	3.45 ± 0.3	X
DIM E	5.7	5.7	✓
DIM F	3.25	3.1	X
DIM G	0.4	0.47	X
DIM H	1.1	0.8	X
DIM J	1.05	0.95	X
DIM K	0.6	missing	X
DIM L	0.45	0.35	X
DIM M	missing	1.5	X

Dimension: MM

Note: For this replacement the mating connector must be changed to manufacturer series P/N: 53253 or P/N: 53254