



Company: Date:
Contact Name: Phone:
Email:

A) Magnet Wire Combination Size(s) (AWG) and Wire Base Material (Aluminum, Copper, etc.) for Application:

Combination(s)	Application Magnet Wire Combination(s)			
	Magnet Wire #1		Magnet Wire #2 (if applicable)	
	AWG/ Diameter	Wire Material (Cu, Al, etc.)	AWG/ Diameter	Wire Material (Cu, Al, etc.)
1				
2				
3				
4				
5				

B) Have you chosen an existing IDC Mag Wire Product and Mold-in Cavity Pocket for your application already?

- ☐ Yes → Provide details below and proceed to **Section E**
TE Terminal PN- ,
TE Mold-In Cavity Pocket Specification Number , (if known)
☐ No → Continue to **Section C**

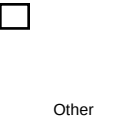
C) Do you need TE engineering to assist in choosing what style of magnet wire IDC termination would work best for your application?

- ☐ Yes → Proceed to **Section D**
☐ No → Please specify the desired IDC termination geometry below

☐	☐	☐
		
MAG-MATE Box Geometry	Slim-Line Geometry	SIAMEZE Geometry

D) Do you need TE engineering to assist in choosing what style of terminal connection would work best for your application?

- ☐ Yes → Proceed to **Section E**
☐ No → Please specify the desired terminal connection type below

☐	☐	☐	☐
			
Wire/Tab Poke-In (MAG-MATE Product Only)	Quick-Disconnect Tab	PCB Solder Post	PCB Solder-less Press Pin
☐	☐	☐	☐
			
Pin Socket	Wire IDC (SIAMEZE Product Only)	None Required Commoned Splice	Other

E) Do you need TE engineering to assist in providing production insertion tooling to terminate IDC Magnet Wire Product to your application?

- ☐ Yes → (Complete Section F)
☐ No

F) What are the anticipated annual terminal volumes for this specific application (this will help determine what level of production termination tooling is needed to meet the demand for the application?)

Estimated Annual Volume:



Additional Notes: (Please include any relevant details or special requirements)

IMPORTANT:

If ordering prototype or production tooling from TE Connectivity:

- A minimum of **40 complete samples** is required for tooling design and validation
- For multiple product variants, **40 samples per variant** are preferred
- Samples may be fully or partially wound with magnet wire
- Provide a **.STP or. IGS CAD model** of the stator or bobbin (simplified models acceptable)
- Provide print of stator or bobbin
 - o For motor stators, we request that print details all geometry of the product in its state when IDC Mag Wire product is applied including plastic endcap, metal laminates, etc.
- Keep different product versions **clearly separated** during shipment
- Include a **printed copy of this form** with the shipment and email to **cls_magwire_tooling@te.com**

Tooling lead time begins once all required samples and documentation are received.

TE Connectivity Use Only

Recommended TE Terminal PN-

Recommended TE Cavity Spec PN-

Production Insertion Tooling Recommendation (based on volume)

- ☐ Fully Manual (Arbor Press)
- ☐ Semi-Automated (2-Hand Trip Automated Press with Manual Fixturing)
- ☐ Semi-Automated (Automated Insertion Head with Automated Fixturing)
- ☐ Fully Automated (Automated Insertion Head for Integration into customer automated line)

Tooling Assembly PN:

Quoted Price: \$