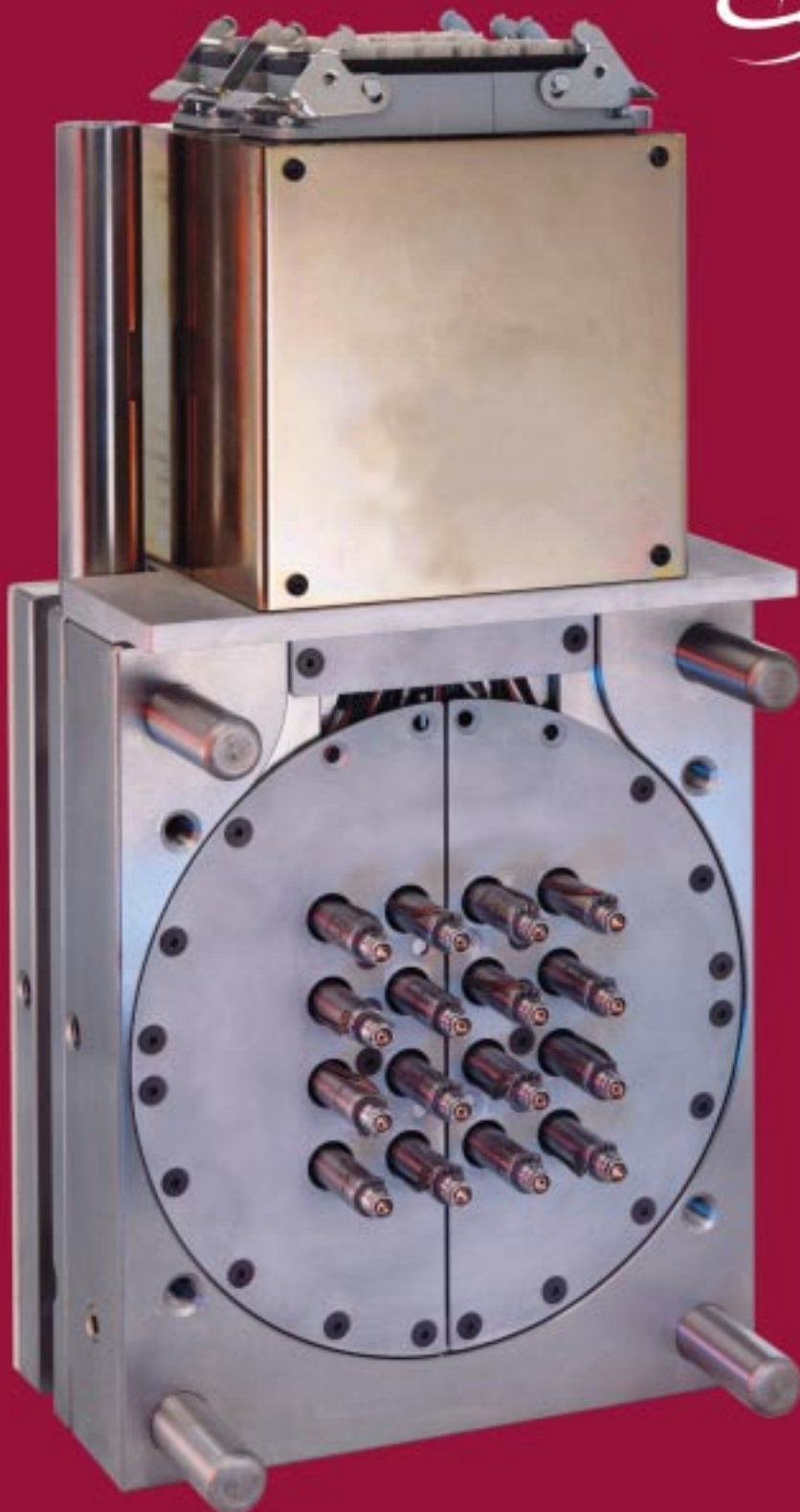
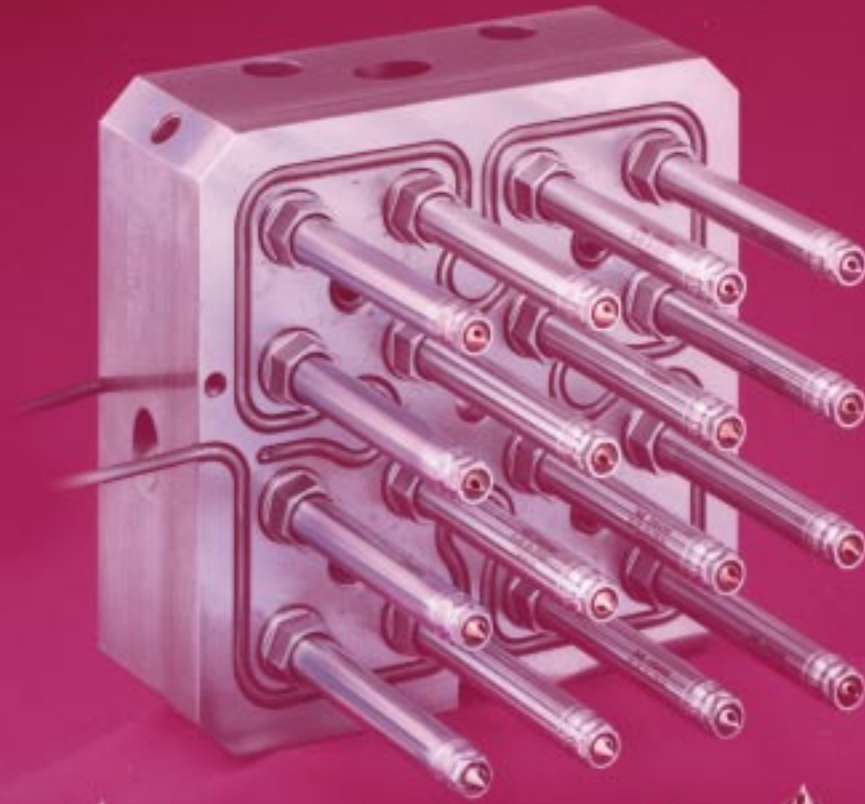


# D-M-E Hot Runner Systems

 **Stellar**<sup>™</sup>  
Quick Delivery Systems

**4-, 8- and 16-drop  
configurations  
with rapid delivery**





## Get the Stellar edge — now even faster

D-M-E introduces a new quick-delivery program for Stellar Hot Runner Systems. Three configurations are available to meet your needs.

- **Stellar 1**  
4-, 8- and 16-drop multi-nozzle assemblies (MNAs) shipped in only 3-5 days
- **Stellar 2**  
4-, 8- and 16-drop MNA package systems with standard nozzle plate thickness shipped in 5 days
- **Stellar 3**  
4-, 8- and 16-drop MNA package systems with custom nozzle plate thickness shipped in 10 days

## Key advantages of Stellar Hot Runner Systems

- **Outstanding performance with challenging engineered materials** – amorphous material like PET or crystalline resins like PBT and PA are no problem with Stellar’s high conductivity tip material and precise heat profiling
- **Ideal for high-cavitation** – well-suited for medical, electrical/electronic and cosmetic packaging applications
- **A choice of two tip styles** – Point gate and sprue gate tips enable customization to meet your needs
- **A choice of three nozzle A dimensions** – 65, 85, and 105mm
- **Industry-leading choice of MNAs** – Stellar features the industry’s broadest line of standard manifolds
- **Easy serviceability** – front-loaded nozzle tips, mini-tubular heaters and thermocouples are easily replaced with the mold in the machine
- **Extended warranty** – D-M-E now offers a 3-year, leak-proof warranty on all Stellar package systems

# Stellar Quick Delivery Program Overview

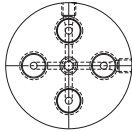
## Stellar 1 Round MNAs

### Manifold Options

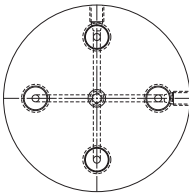
Quick Delivery Lead Time 3-5 Days

Gate Circle  
Diameter

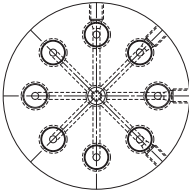
4-Drop  
40mm



4-Drop  
70mm



8-Drop  
70mm



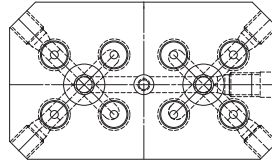
## Stellar 1 Rectangular MNAs

### Manifold Options

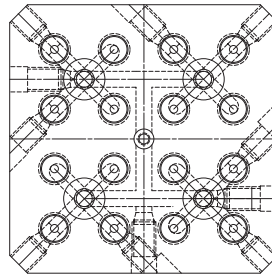
Quick Delivery Lead Time 3-5 Days

Pitch

8-Drop  
30mm



16-Drop  
30mm



## Stellar 2 Hot Half

### Standard Nozzle

### Plate Thickness

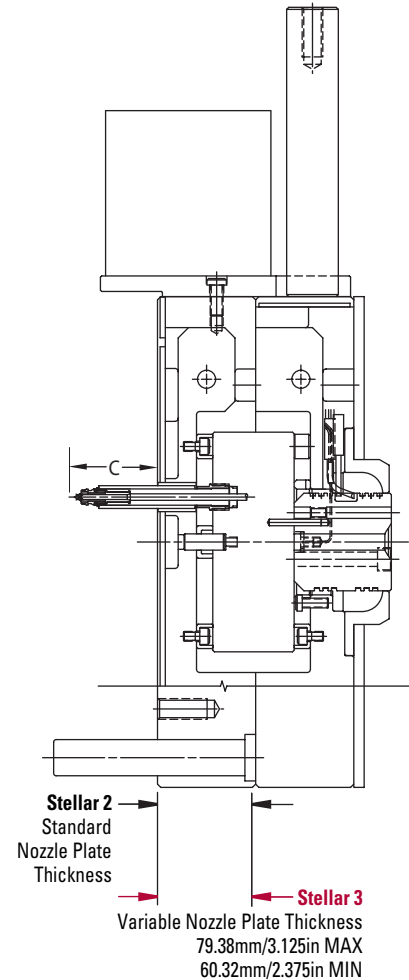
Quick Delivery Lead Time 5 Days

## Stellar 3 Hot Half

### Variable Nozzle

### Plate Thickness

Quick Delivery Lead Time 10 Days



## Stellar Quick Delivery Systems

Description	Stellar 1 MNA Quick Delivery Lead Time 3-5 Days	Stellar 2 Hot Half Quick Delivery Lead Time 5 Days	Stellar 3 Hot Half Quick Delivery Lead Time 10 Days
<b>ROUND</b>	Item No.	Item No.	Item No.
4-Drop 40mm	SRD4004	SRD4004-2-0808	SRD4004-3-0808
4-Drop 70mm	SRD7004	SRD7004-2-1012	SRD7004-3-1012
8-Drop 70mm	SRD7008	SRD7008-2-1012	SRD7008-3-1012
<b>RECTANGULAR</b>	Item No.	Item No.	Item No.
8-Drop 30mm	SRC3308	SRC3308-2-1012	SRC3308-3-1012
16-Drop 30mm	SRC3316	SRC3316-2-1012	SRC3316-3-1012

## Recommended Nozzle Flow Capacities

Item No.	Description	Gate Diameter	Flow Capacity in Grams		
			Low Viscosity MFI >16	Medium Viscosity MFI 7-16	High Viscosity MFI .02-7
SXT4010	Stellar Point Gate Tip	1.0mm/0.040in 1.5mm/0.060in	12 16	12 16	5 12
SXT1040	Stellar Sprue Gate Tip	2.0mm/0.080in	40	30	20

## Nozzle Cold Tip Length "C"

Nozzle Sub-Assembly	Stellar 2	Stellar 3
Item No.	Fixed Length	Variable Length
SXY8065	31.12mm/1.225in	13.00mm/0.512in MIN 31.12mm/1.225in MAX
SXY8085	51.12mm/2.013in	32.07mm/1.263in MIN 51.12mm/2.013in MAX
SXY8105	71.12mm/2.800in	52.07mm/2.050in MIN 71.12mm/2.800in MAX

### APPLICATION NOTES

Stellar systems are recommended for:

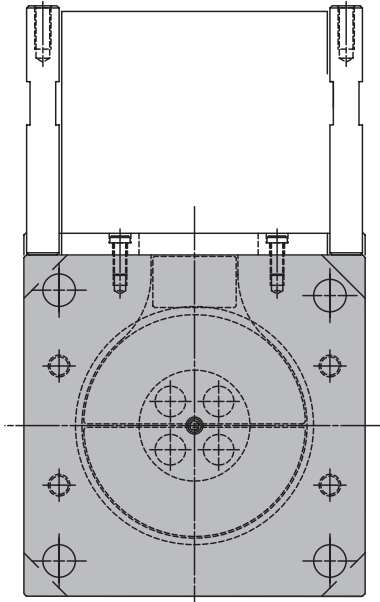
- Material process temperatures below 315°C/600°F
- Unfilled resins
- Materials without flame-retardant additives

For Stellar MNA Application Guides, please visit [www.dme.net](http://www.dme.net). To request CAD files, please contact [appl\\_eng@dme.net](mailto:appl_eng@dme.net).

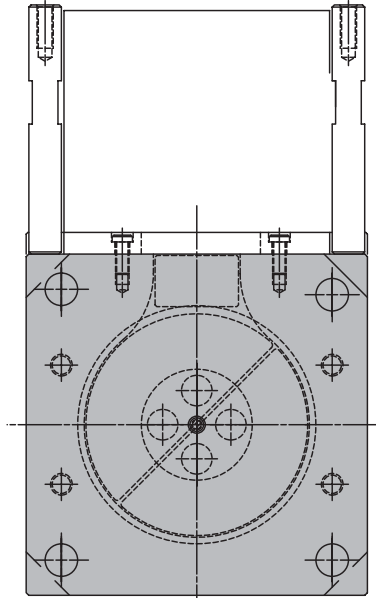
# Stellar 2 and 3 Systems — Round MNA Configurations

## 4-Drop Ø40mm

Mold Base Size  $7\frac{7}{8}" \times 7\frac{7}{8}"$



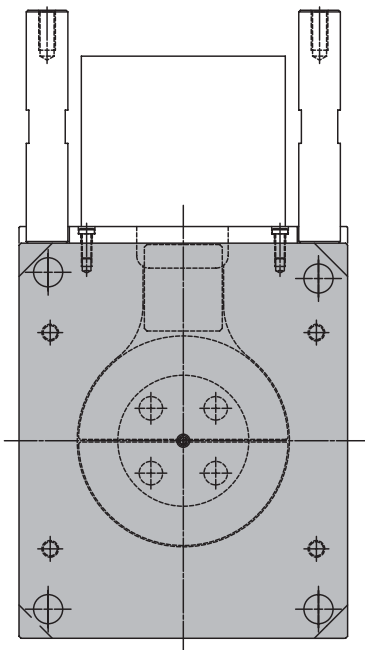
45 Degree



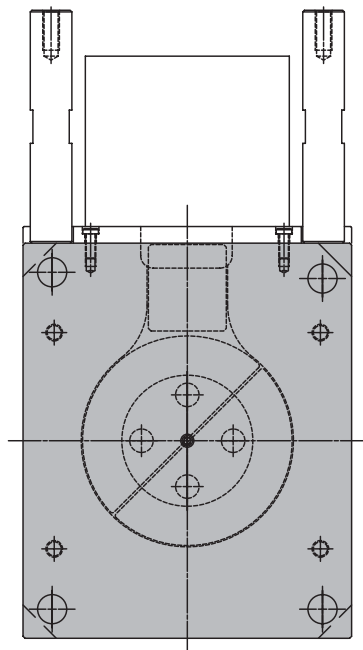
90 Degree

## 4-Drop Ø70mm

Mold Base Size  $9\frac{7}{8}" \times 11\frac{7}{8}"$



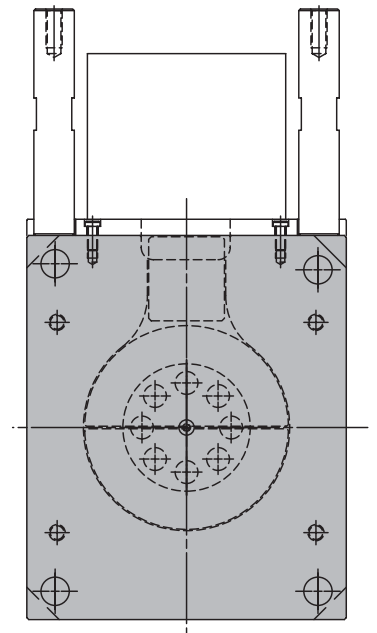
45 Degree



90 Degree

## 8-Drop Ø70mm

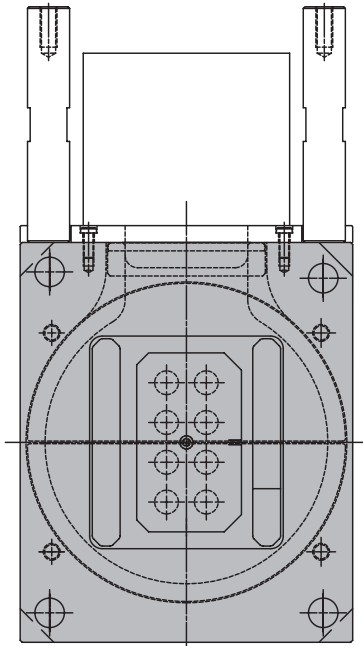
Mold Base Size  $9\frac{7}{8}" \times 11\frac{7}{8}"$



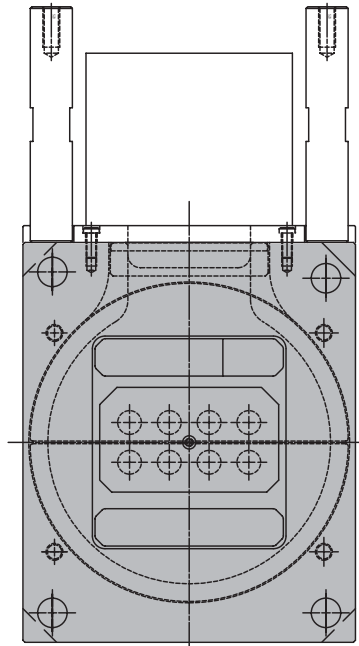


# Stellar 2 and 3 Systems — Rectangular MNA Configurations

**8-Drop 30mm pitch**  
Mold Base Size  $9\frac{7}{8}" \times 11\frac{7}{8}"$

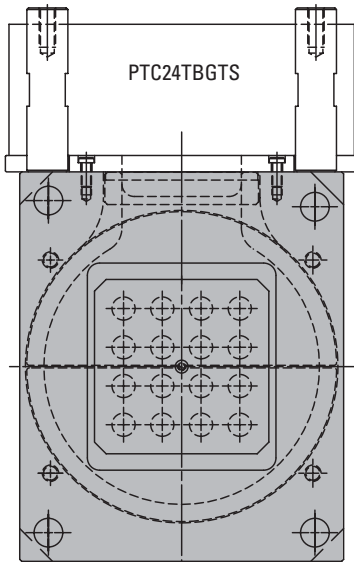


Vertical

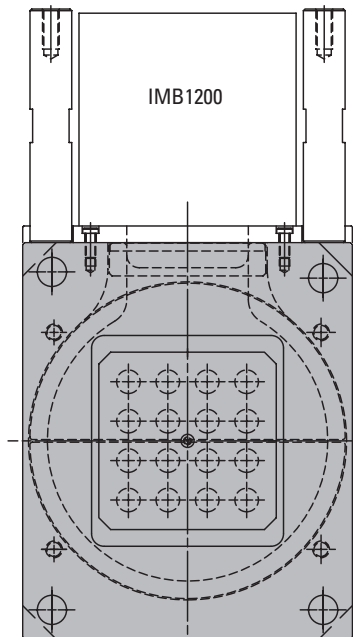


Horizontal

**16-Drop 30mm pitch**  
Mold Base Size  $9\frac{7}{8}" \times 11\frac{7}{8}"$



Version 1



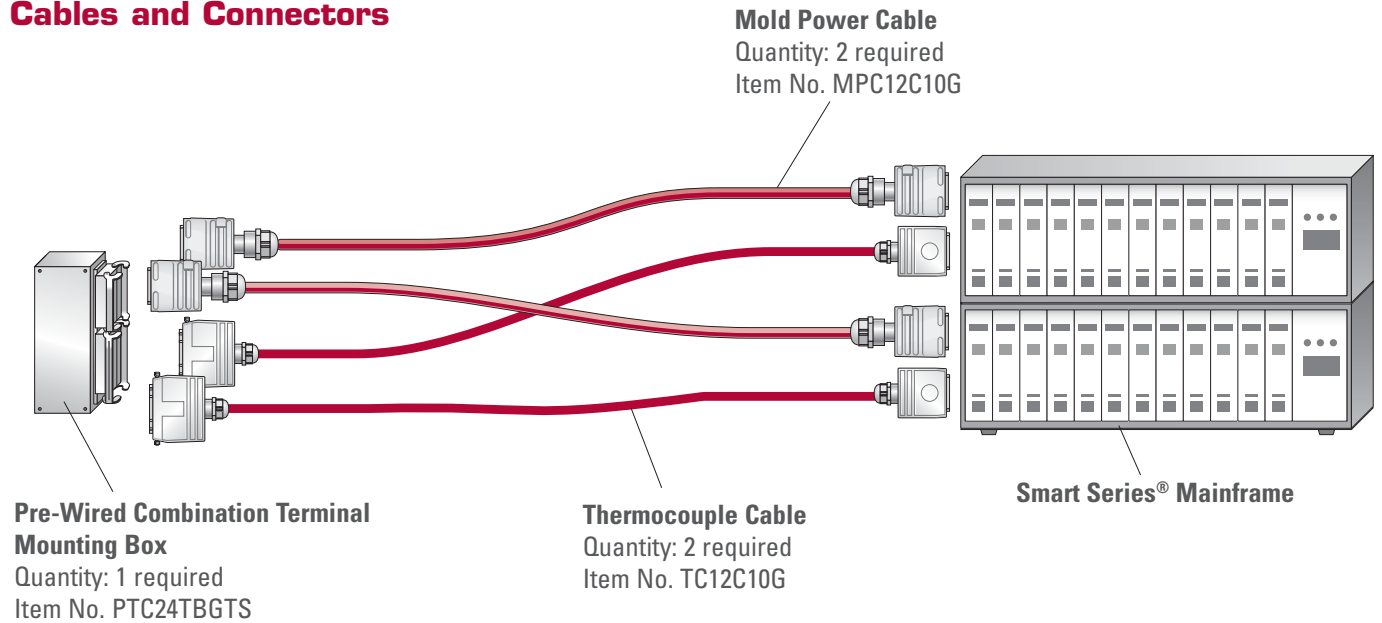
Version 2

**Smart Series® Cables and Connectors**  
Separate power and  
thermocouple connectors

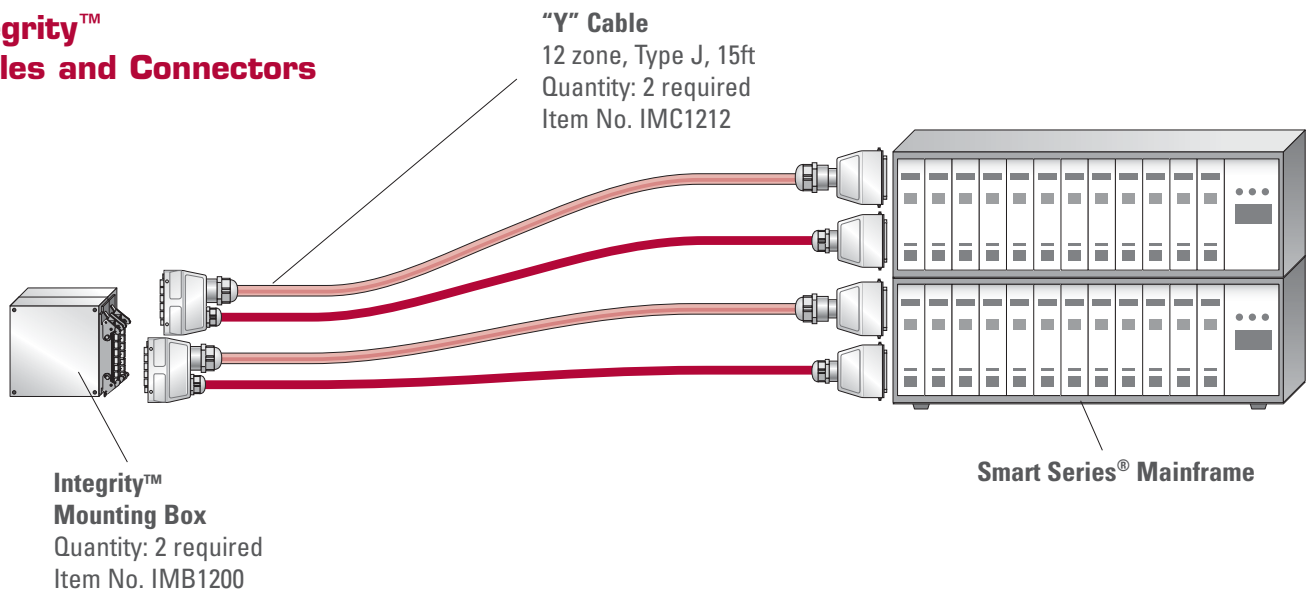
**Integrity™ Cables and Connectors**  
Combination power and  
thermocouple connectors

# Smart Series and Integrity — 16-Drop Configurations

## Standard Smart Series® Cables and Connectors

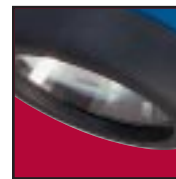
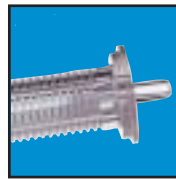


## Integrity™ Cables and Connectors



Stellar™ Quick Delivery Systems are just one of a family of D-M-E hot runner solutions. From components to turnkey hot halves, all D-M-E hot runner systems feature best-in-class components, application engineering expertise and our 100% satisfaction guarantee.

Serving customers in over 70 countries worldwide, no one equals D-M-E for injection molding solutions and support. D-M-E operates manufacturing and distribution locations in North America, South America, Europe and Asia.



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