

## PCB D-SUB CONNECTORS





### TE CONNECTIVITY (TE) 09 MSFL RCPT RA 318 (IN,FM) AMPLIMITE | Standard

745781-4 TE Internal Number: 745781-4

Not EU RoHS or ELV Compliant Find Compliant Alternatives Connector Style **Receptacle** Centerline (in) **.108** Number of Positions **9** Number of Rows **2** 

Shell Size 1

Product Drawings	RCPT ASSY, SIZE 1, 9 POSN, RTANG, AMPLIMITE TM PDF English
CAD Files	3D PDF PDF English
	Customer View Model
	2D_DXF.ZIP English
	Customer View Model
	3D_IGS.ZIP English
	Customer View Model
	3D_STP.ZIP English
Product Specifications	
Product Specification	AMPLIMITE HD-20 PCB Mounted Connector
Application Specification	English AMPLIMITE Right-Angle Front Metal Shell Connectors PDF
Qualification Test Report	English Connector, AMPLIMITE HD-20, Printed Circuit Board Mounted
	PDF English

#### Product Environmental Compliance

TE Material Declaration

MD\_745781-4\_05282015435\_dmtec PDF English

Please review product documents or **contact us** for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

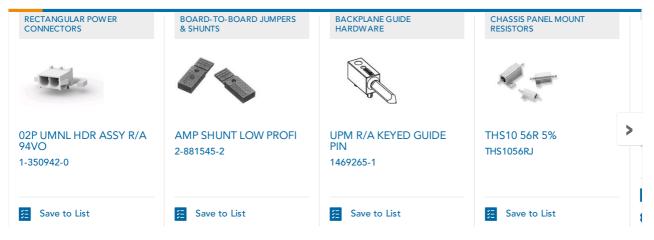
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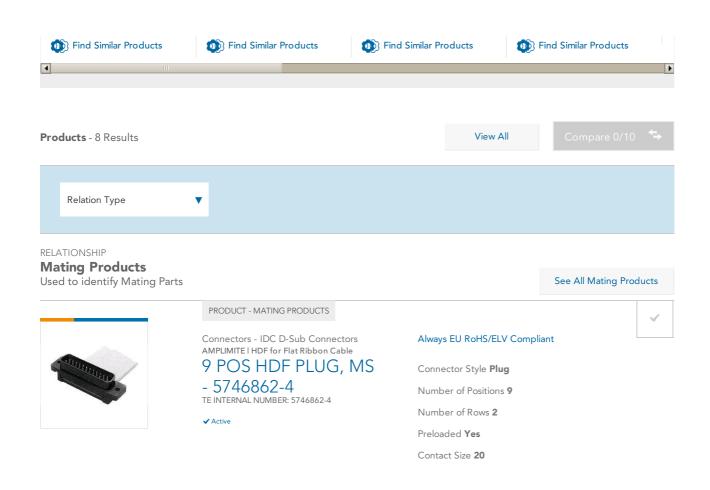
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IncompleteFocuprieriSoft ami [ 31 Si n ]Grounding IndentsWithoutApplies ToNoSealedNoProduct TypeConnectorConfiguration FeaturesNumber of Pastions9Number of Pastions2PreloadedYesSold PreturesPlasticNoneEveloadedNone1Shell Plating MaterialTinShell Plating MaterialStelInsert MaterialStelShell Plating MaterialStelShell Plating MaterialStelShell Plating MaterialStelShell Plating MaterialStelShell Plating MaterialStelShell MaterialStelContext ShapeStelSolder Tail Context Plating MaterialTinContext MaterialContext MaterialContext Mating Area Plating MaterialTinContext Mating Area Plating MaterialTinContext Mating Area Plating MaterialGotFermination FeaturesContext Mating Area Plating MaterialFermination FeaturesTermination Plating MaterialFermination FeaturesContext Mating Area Plating MaterialFermination FeaturesContext Mating Area Plating MaterialFermination FeaturesStelman Plating MaterialFermination FeaturesContext Mating Area Plating MaterialFermination FeaturesContext Mating Area Plating MaterialFermination FeaturesContext Mating Area Plating MaterialFermination FeaturesStel Ste		Grounding Straps	With
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Eyelet Material   Brass     Post Size   .66 mm [.026 in]     Contact Features   Contact Shape   Round     Solder Tail Contact Plating Material   Tin     Contact Base Material   Phosphor Bronze     Contact Mating Area Plating Thickness (µin)   30     Contact Mating Area Plating Material   Gold     Termination Features   Termination Post Length   3.18 mm [.125 in]     Wechanical Attachment   PCB Mounting Style   Through Hole		Insert Material	Zinc
Post Size		Shell Material	Steel
Contact Features   Contact Shape   Round     Solder Tail Contact Plating Material   Tin     Contact Base Material   Phosphor Bronze     Contact Mating Area Plating Thickness (µin)   30     Contact Mating Area Plating Material   Gold     Fermination Features   Termination Post Length   3.18 mm [.125 in]     Grounding Clips   Without   PCB Mounting Style   Through Hole		Eyelet Material	Brass
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Contact Mating Area Plating MaterialGoldTermination FeaturesTermination Post Length3.18 mm[.125 in]Grounding ClipsWithoutMechanical AttachmentPCB Mounting StyleThrough Hole		Contact Base Material	Phosphor Bronze
Termination Features   Termination Post Length   3.18 mm [.125 in]     Grounding Clips   Without     Mechanical Attachment   PCB Mounting Style   Through Hole		Contact Mating Area Plating Thickness (µin)	30
Grounding Clips Without   Mechanical Attachment PCB Mounting Style Through Hole		Contact Mating Area Plating Material	Gold
Mechanical Attachment PCB Mounting Style Through Hole	Termination Features	Termination Post Length	3.18 mm [ .125 in ]
		Grounding Clips	Without
PCB Mount Retention With	Mechanical Attachment	PCB Mounting Style	Through Hole
		PCB Mount Retention	With

	PCB Mount Retention Type	Mounting Holes
	Mating Connector Lock	With
	Mating Connector Lock Type	Threaded Insert, 4-40 UNC
	Panel Mount Retention	Without
	Mating Retention	With
	Mounting Hole Diameter	3.18 mm [ .125 in ]
	Threaded Insert Material	Zinc
	Threaded Insert Plating Material	Clear Chromate
Housing Features	Centerline (in)	.108
Housing realures		
	Housing Color	Black
	Housing Material	Thermoplastic
Dimensions	PCB Thickness (Recommended)	2.36 mm [ .093 in ]
Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	UL E28476
Packaging Features	Packaging Method	Tray
	Packaging Quantity	130
Other	Comment	All receptacles are preloaded with size 20 DF posted socket contacts
Product Compliance	Statement of Compliance PDF	

VIEW ALL PRODUCT COMPLIANCE

## CUSTOMERS ALSO BOUGHT





RELATIONSHIP **Mating Products** Used to identify Mating Parts See All Mating Products PRODUCT - MATING PRODUCTS Connectors - IDC D-Sub Connectors Always EU RoHS/ELV Compliant AMPLIMITE | HDE (IDC) Insulation PLUG ASSY, 9P, HDE, MS Connector Style Plug - 1-745492-9 Number of Positions 9 TE INTERNAL NUMBER: 1-745492-9 Number of Rows 2 ✓ Active Preloaded Yes Contact Size 20



Contact Size **20** 

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