+ CONNECTORS

SOLDER D-SUB CONNECTORS

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

TE CONNECTIVITY (TE)

37 Plug Solder Cup, Gold Flash

AMPLIMITE | Solder Cup Connectors

5-747916-2
TE Internal Number: 5-747916-2
Alias ID: 1364441

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **37**

Contact Size **20**

Shell Size **4**

Enclosure **Without**

Product Drawings	PLUG ASSEMBLY, SOLDER CUP, SIZE 4, 37 POSN, HD-20, AMPLIMITE
	PDF
	English

CAD Files	Customer View Model
	2D_DXF.ZIP
	English
	3D PDF
	PDF
	3D
	Customer View Model
	3D_IGS.ZIP
	English
	Customer View Model
	3D_STP.ZIP
	English

Catalog Pages/Data Sheets	AMPLIMITE Subminiature D Connectors - Cable Connectors
	PDF
	English

Product Specifications

Product Specification	AMPLIMITE HD-20 Subminiature D Solder Cup Plug And Receptacle Connectors
	PDF
	English

Product Environmental Compliance

TE Material Declaration	MD_5-747916-2_0616201417_dmtec
	PDF
	English

Instruction Sheets

Instruction Sheet (U.S.)	AMPLIMITE HDP-20 Connectors With Solder Cup Contacts
	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.

Product Type Features	Connector Style	Plug
	Shell Size	4
	Product Type	Connector
	Shell Type	Full Metal Shell
	Grounding Indents	With
	Grade	Standard

Configuration Features	Number of Positions	37
	Preloaded	Yes

Body Features	Shell Plating Material	Tin
	Color	Black
	Insert Material	Thermoplastic
	Shell Material	Steel

Contact Features	Contact Size	20
	Contact Mating Area Plating Material	Gold Flash
	Contact Type	Pin
	Contact Base Material	Phosphor Bronze
	Solder Tail Contact Plating Material	Tin-Copper over Nickel
	Contact Mating Area Plating Thickness (μin)	.8
	Contact Configuration	Solder Cup

Termination Features	Termination Method to Wire/Cable	Solder

Mechanical Attachment	Mating Connector Lock	With
	Mating Connector Lock Type	Mounting Holes
	PCB Mount Retention Type	None
	Mounting Angle	Straight

Housing Features	Enclosure	Without

Dimensions	Wire Range	.5 – .6 mm² [20 AWG]

| Industry Standards | Insert Flammability Rating | **UL 94V-0** |
| | UL Flammability Rating | **UL 94V-0** |

| Packaging Features | Packaging Method | **Tray** |

| Product Compliance | Statement of Compliance
PDF | |
| | VIEW ALL PRODUCT COMPLIANCE | |

CUSTOMERS ALSO BOUGHT

SOLDER D-SUB CONNECTORS	D-SUB BACKSHELLS & CLAMPS	WIRE-TO-BOARD CONNECTOR HOUSINGS	D-SUB LOCKING & MOUNTING
37 Rcpt Solder Cup, Gold Flash	2 PC STRAIN RELIEF KIT, 37P	20 MODIV HSG SR MRKD .100CL	AMPLI FEM S'LOCK KIT
5-747917-2	5745081-1	3-87499-7	5747223-3
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