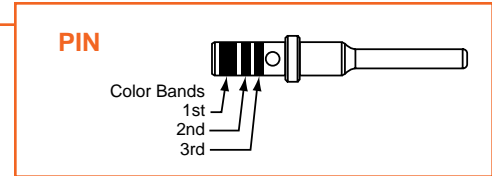


**STANDARD CRIMP CONTACTS - PIN  
 PART NUMBERS / COLOR BANDS**

Contact Size	Pin MS Spec Number	Pin Pyle Part Number	Pin Color Bands		
			1st Band	2nd Band	3rd Band
20	M39029/4-110	BA-4020-36LD	Brown	Brown	Black
16	M39029/4-111	BA-4016-36LD	Brown	Brown	Brown
12	M39029/4-113	BA-4012-36LD	Brown	Brown	Orange



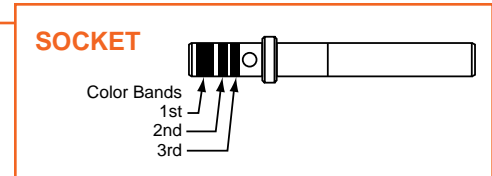
38999  
 SJT I II III

26482  
 Matrix 2

83723 III  
 Matrix Pyle

**STANDARD CRIMP CONTACTS - SOCKET  
 PART NUMBERS / COLOR BANDS**

Contact Size	Socket MS Spec Number	Socket Pyle Part Number	Socket Color Bands		
			1st Band	2nd Band	3rd Band
20	M39029/5-115	BA-4120-36LD	Brown	Brown	Green
16	M39029/5-116	BA-4116-36LD	Brown	Brown	Blue
12	M39029/5-118	BA-4112-36LD	Brown	Brown	Gray



5015  
 Crimp Rear Release Matrix

26500 Pyle

Sockets feature 4 tine construction with supporting spring bands.

Printed Circuit Board

EMI Filter Transient

Fiber Optics

**STANDARD CRIMP CONTACT RATING**

Contact Size	Test Current Standard	Crimp Well Data			
		Well Diameter		Min. Well Depth	
		Inches	Millimeters	Inches	Millimeters
20	7.5	.049	1.25	.157	3.99
16	13.0	.067	1.70	.250	6.35
12	23.0	.100	2.54	.250	6.35

**STANDARD SEALING PLUGS**

Contact Size	Sealing Plug MS Number	Sealing Plug Pyle Number	Color
20	MS27488-20	BA-4020-59P	Red
16	MS27488-16	BA-4016-59P	Blue
12	MS27488-12	BA-4012-59P	Yellow

High Speed Contacts

Options Others

**TOOLS**

Contact Size	Crimp Tool		Adjustable Turret		Checking Gauge for M22520/1-01 Crimping Tool		Insertion/Removal Tool		
	MS Number	Pyle Number	MS Number	Pyle Number	MS Number	Pyle Number	MS Number	Pyle Number	Amphenol Number*
20	M22520/1-01	TP-201354	M22520/1-02	TP-201355	M22520/3	TP-201356	M81969/14-11	TP-201343-20-BA	10-538988-201
16							M81969/14-03	TP-201343-16-BA	10-538988-016
12							M81969/14-04	TP-201343-12-BA	10-538988-012

\* Amphenol part number for insertion/removal tool supersedes Pyle number

MIL-DTL-83723, Series III, Pyle®

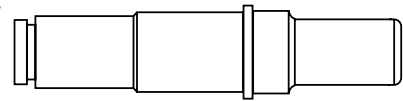


Shielded Contacts, Thermocouple Contacts,  
Wire Sealing Information

SHIELDED CONCENTRIC TWINAX CONTACTS

Contact Size	Cable Accommodation	Concentric Twinax Pin
#8 Twinax	M17/176-00002	BA-46T08-LD
#8 Twinax	PAN 6421 or JN1060ZB002	BA-46TA08-LD

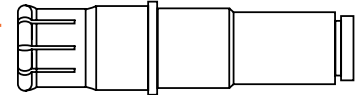
CONCENTRIC TWINAX PIN



Non-MS part; no color bands.

Contact Size	Cable Accommodation	Concentric Twinax Socket
#8 Twinax	M17/176-00002	BA-47T08-LD
#8 Twinax	PAN 6421 or JN1060ZB002	BA-47TA08-LD

CONCENTRIC TWINAX SOCKET



Non-MS part; no color bands.

Concentric Twinax contacts are designed for protection from magnetic and electrostatic interference including nuclear electromagnetic pulse. Consult Amphenol for other size twinax and coax contacts available for use in MIL-DTL-83723, Series III Pyle connectors.

THERMOCOUPLE - PIN  
PART NUMBERS / COLOR BANDS

Contact Size	Material	Thermocouple Pin Pyle Part Number	Thermocouple Pin Color Bands		
			1st Band	2nd Band	3rd Band
20	Chromel	BT-4020-10P	Brown	Orange	Green
20	Alumel	BT-4020-10R	Brown	Orange	Yellow
16	Chromel	BA-4016-10P	Green	Brown	Violet
16	Alumel	BA-4016-10R	Green	Brown	Blue

THERMOCOUPLE - SOCKET  
PART NUMBERS / COLOR BANDS

Contact Size	Material	Thermocouple Socket Pyle Part Number	Thermocouple Socket MS Part Number	Thermocouple Socket Color Bands		
				1st Band	2nd Band	3rd Band
20	Chromel	BT-4120-10P	-	Brown	Yellow	Brown
20	Alumel	BT-4120-10R	-	Brown	Yellow	Black
16	Chromel	BT-4116-10P	M39029/10-522	Green	Red	Red
16	Alumel	BT-4116-10R	M39029/10-521	Green	Red	Brown

STANDARD & HIGH TEMPERATURE CRIMP CONTACTS  
WIRE SEALING DIAMETERS / STRIPPING LENGTHS

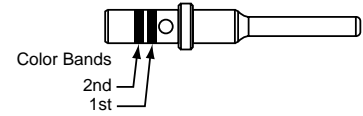
Contact Size	Wire Size (AWG)	Finished Wire Outside				Stripping Lengths			
		Minimum		Maximum		Minimum		Maximum	
		Inches	Millimeters	Inches	Millimeters	Inches	Millimeters	Inches	Millimeters
20	24, 22, 20	.033	.84	.083	2.11	.140	3.56	.202	5.13
16	20, 18, 16	.047	1.19	.106	2.69	.218	5.54	.280	7.11
12	14, 12	.075	1.91	.157	3.99	.218	5.54	.280	7.11

- III 38999 SJT
- II 26482 Matrix 2
- I 83723 III Matrix Pyle
- 5015 Crimp Rear Release Matrix
- 26500 Pyle
- Printed Circuit Board
- EMI Filter Transient
- Fiber Optics
- High Speed Contacts
- Options Others

**CONTACTS THAT MEET EUROPEAN SPECIFICATIONS  
 STANDARD CRIMP - PIN  
 PART NUMBERS / COLOR BANDS**

Contact Size	Pin Pyle Part Number	Pin EN3155 Part Number	Pin Color Bands		
			1st Band	2nd Band	Dot
20	BA-4020-36LD-Y165	EN3155-002MM2020	Red	Red	-
20/18*	BA-402018-36LD-Y165	EN3155-002M2018	Red	Violet	-
16	BA-4016-36LD-Y165	EN3155-002M1616	Blue	Blue	-
12	BA-4012-36LD-Y165	EN3155-002M1212	Yellow	Yellow	-

**STANDARD PIN  
 EUROPEAN SPEC**

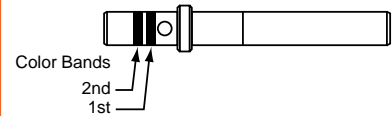


First band color is for contact size  
 2nd band color is for AWG wire size

**CONTACTS THAT MEET EUROPEAN SPECIFICATIONS  
 STANDARD CRIMP - SOCKET  
 PART NUMBERS / COLOR BANDS**

Contact Size	Socket Pyle Part Number	Socket EN3155 Part Number	Socket Color Bands		
			1st Band	2nd Band	Dot
20	BA-4120-36LD-Y165	EN3155-003F2020	Red	Red	-
20/18*	BA-412018-36LD-Y165	EN3155-003F2018	Red	Violet	-
16	BA-4116-36LD-Y165	EN3155-003F1616	Blue	Blue	-
12	BA-4112-36LD-Y165	EN3155-003F1212	Yellow	Yellow	-

**STANDARD SOCKET  
 EUROPEAN SPEC**

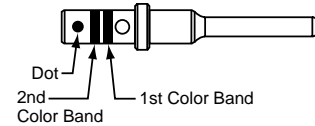


First band color is for contact size  
 2nd band color is for AWG wire size

**CONTACTS THAT MEET EUROPEAN SPECIFICATIONS  
 HIGH TEMPERATURE - PIN  
 PART NUMBERS / COLOR BANDS**

Contact Size	Pin Pyle Part Number	Pin ESC30 Part Number	Pin EN3155 Part Number	Pin Color Bands		
				1st Band	2nd Band	Dot
20	BA-4020-50LD	ESC30-P20BC	EN3155-004M2020	Red	Red	White
20/18*	BA-402018-50LD	-	EN3155-004M2018	Red	Violet	White
16	BA-4016-50LD	ESC30-P16BC	EN3155-004M1616	Blue	Blue	White
12	BA-4012-50LD	ESC30-P12BC	EN3155-004M1212	Yellow	Yellow	White

**HIGH TEMPERATURE PIN  
 EUROPEAN SPEC**

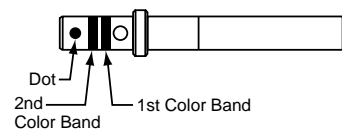


First band color is for contact size  
 2nd band color is for AWG wire size  
 Dot identifies High Temperature or Thermocouple contacts

**CONTACTS THAT MEET EUROPEAN SPECIFICATIONS  
 HIGH TEMPERATURE - SOCKET  
 PART NUMBERS / COLOR BANDS**

Contact Size	Socket Pyle Part Number	Socket ESC30 Part Number	Socket EN3155 Part Number	Socket Color Bands		
				1st Band	2nd Band	Dot
20	BA-4120-50LD	ESC30-S20BC	EN3155-005M2020	Red	Red	White
20/18*	BA-412018-50LD	-	EN3155-005M2018	Red	Violet	White
16	BA-4116-50LD	ESC30-S16BC	EN3155-005M1616	Blue	Blue	White
12	BA-4112-50LD	ESC30-S12BC	EN3155-005M1212	Yellow	Yellow	White

**HIGH TEMPERATURE SOCKET  
 EUROPEAN SPEC**



First band color is for contact size  
 2nd band color is for AWG wire size  
 Dot identifies High Temperature or Thermocouple contacts

\* #20 contacts with #18 crimpwell

38999  
SJT I II III  
26482  
Matrix 2  
83723 III  
Matrix Pyle  
5015  
Crimp Rear Release Matrix  
26500  
Pyle  
Printed  
Circuit Board  
EMI Filter  
Transient  
Fiber Optics  
High Speed  
Contacts  
Options  
Others

**CONTACTS THAT MEET EUROPEAN SPECIFICATIONS  
THERMOCOUPLE - PIN  
PART NUMBERS / COLOR BANDS**

Contact Size	Material	Pin Pyle Part Number	Pin ESC30 Part Number	Pin Color Bands		
				1st Band	2nd Band	Dot
20	Chromel	BT-4020-10P-Y165	ESC30-P20NC	Red	Red	Yellow
20	Alumel	BT-4020-10R-Y165	ESC30-P20NA	Red	Red	Black
20/18*	Chromel	BT-402018-10P-Y165	-	Red	Violet	Yellow
20/18*	Alumel	BT-402018-10R-Y165	-	Red	Violet	Black
16	Chromel	BT-4016-10P-Y165	ESC30-P16NC	Blue	Blue	Yellow
16	Alumel	BT-4016-10R-Y165	ESC30-P16NA	Blue	Blue	Black

**CONTACTS THAT MEET EUROPEAN SPECIFICATIONS  
THERMOCOUPLE - SOCKET  
PART NUMBERS / COLOR BANDS**

Contact Size	Material	Socket Pyle Part Number	Socket ESC30 Part Number	Socket Color Bands		
				1st Band	2nd Band	Dot
20	Chromel	BT-4120-10P-Y165	ESC30-S20NC	Red	Red	Yellow
20	Alumel	BT-4120-10R-Y165	ESC30-S20NA	Red	Red	Black
20/18*	Chromel	BT-412018-10P-Y165	-	Red	Violet	Yellow
20/18*	Alumel	BT-412018-10R-Y165	-	Red	Violet	Black
16	Chromel	BT-4116-10P-Y165	ESC30-S16NC	Blue	Blue	Yellow
16	Alumel	BT-4116-10R-Y165	ESC30-S16NA	Blue	Blue	Black

**HIGH TEMPERATURE  
SEALING PLUGS**

Contact Size	Sealing Plug Pyle Number	Color
20	BT-4020-60P	Red
16	BT-4016-60P	Blue
12	BT-4012-60P	Yellow

III  
II  
I  
SJT  
38999

Matrix 2  
26482

Matrix Pyle  
83723 III

Crimp Rear Release Matrix  
5015

Pyle  
26500

Printed Circuit Board

EMI Filter Transient

Fiber Optics

High Speed Contacts

Options Others