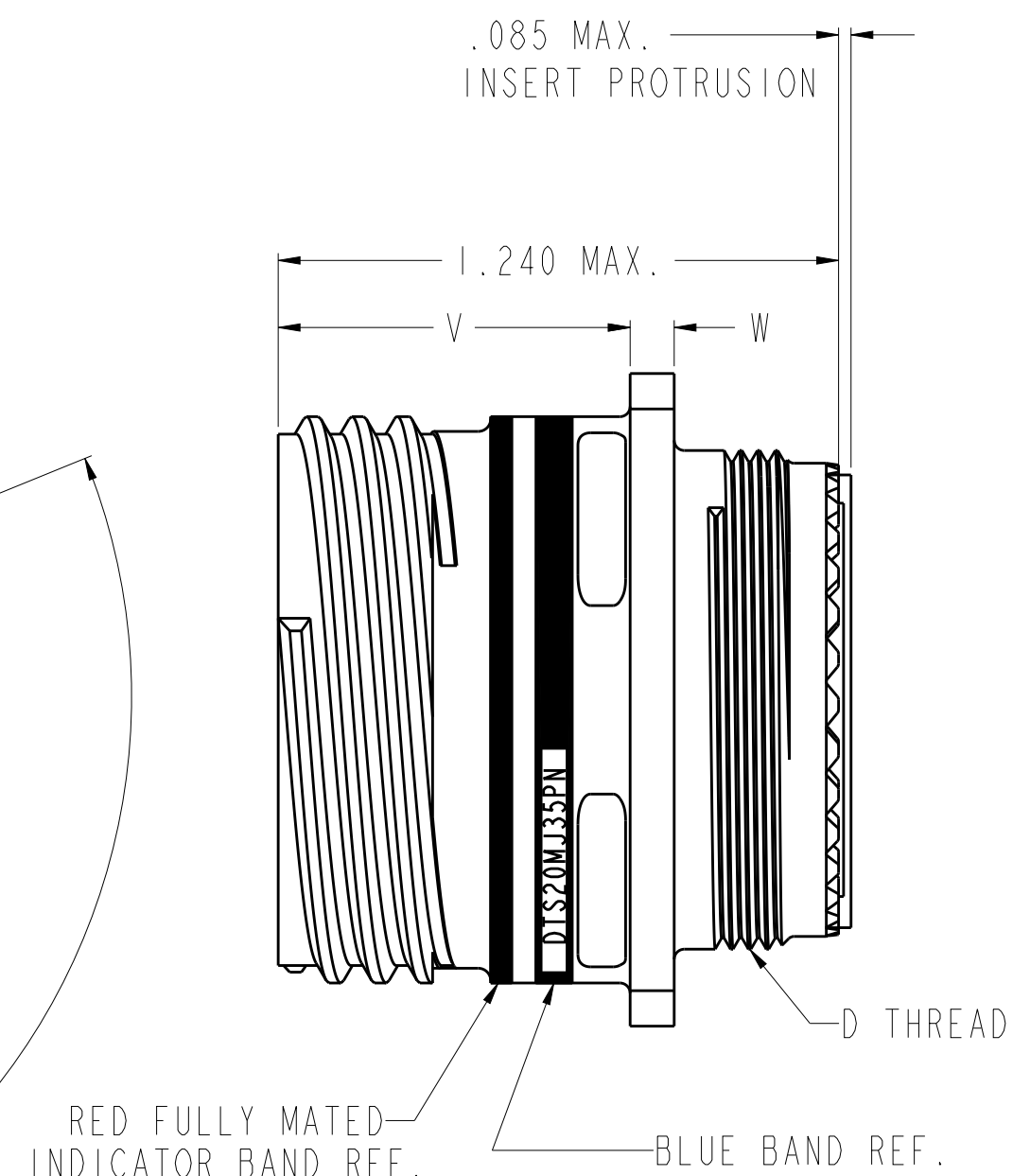
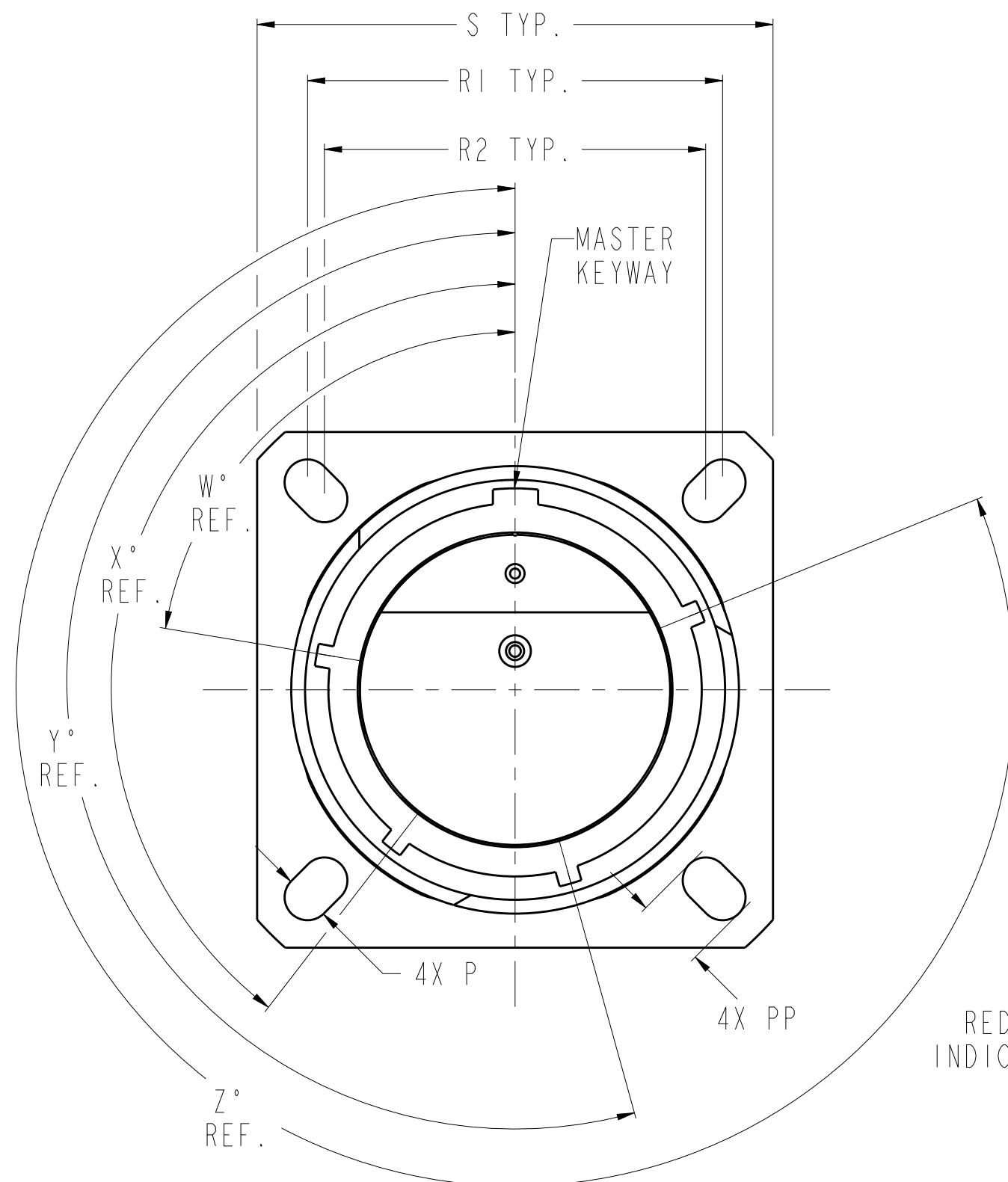




EXAMPLE OF PART NUMBER

DTS 20 x xx - xx P/S x-xxxxx

— MODIFICATION

— KEYING POSITION

N = NORMAL, A, B, C, D & E

— CONTACT STYLE

$$P = PIN$$

A = LESS PIN

H = 1500 CYCLES - PIN

— INSERT ARRANGEMENT

— SHELL SIZE

— CLASS F = NICKEL

G = NICKEL SPACE GRADE

T = TEFLON NICKEL

W = OLIVE DRAB CADMIUM

Z = ZINC NICKEL

SHELL STYLE

20 = SQUARE FLANGE RECEPTACLE

— CONNECTOR SERIES

DEUTSCH MIL-DTL-38999 SERIES III

5. FOR AVAILABILITY CONSULT FACTORY. (C)

4. FOR APPLICABLE KEYING DIAGRAM AND PANEL CUTOUT DIMENSIONS, SEE MIL-DTL-38999. FOR AVAILABLE INSERT ARRANGEMENTS, SEE MIL-STD-1560.

3. GENERAL SPECIFICATIONS: THIS CONNECTOR MEETS THE PERFORMANCE AND INTERMATEABILITY REQUIREMENTS OF MIL-DTL-38999, SERIES III.

2. MATERIAL / FINISH: SHELL - ALUMINUM ALLOY / PLATING PER EXAMPLE
PART NUMBER DESCRIPTION.
RESILIENT INSERTS - SILICONE ELASTOMER
PLASTIC INSERTS - THERMOPLASTIC.
CONTACTS - COPPER ALLOY / GOLD PLATED.

1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
THREAD CALLOUTS ARE METRIC.

NOTES:

SIZE	KEYING DESIGNATION LETTER	W°	X°	Y°	Z°
9	N	105	140	215	265
	A	102	132	248	320
	B	80	118	230	312
	C	35	140	205	275
	D	64	155	234	304
	E	91	131	197	240
11, 13 AND 15	N	95	141	208	236
	A	113	156	182	292
	B	90	145	195	252
	C	53	156	220	255
	D	119	146	176	298
	E	51	141	184	242
17, 19, 21, 23 AND 25	N	80	142	196	293
	A	135	170	200	310
	B	49	169	200	244
	C	66	140	200	257
	D	62	145	180	280
	E	79	153	197	272

PART NUMBER	SIZE	D THREAD	P+.004 -.002	PP+.004 -.002	R1	R2	S±.011	V MAX.	W MAX.
DTS20x09-xxP/Sx	09	M12X1.0-6g 0.100R	.128	.216	.719	.594	.937	.822	.098
DTS20x11-xxP/Sx	11	M15X1.0-6g 0.100R	.128	.194	.812	.719	1.031	.822	.098
DTS20x13-xxP/Sx	13	M18X1.0-6g 0.100R	.128	.194	.906	.812	1.126	.822	.098
DTS20x15-xxP/Sx	15	M22X1.0-6g 0.100R	.128	.173	.969	.906	1.220	.822	.098
DTS20x17-xxP/Sx	17	M25X1.0-6g 0.100R	.128	.194	1.062	.969	1.311	.822	.098
DTS20x19-xxP/Sx	19	M28X1.0-6g 0.100R	.128	.194	1.156	1.062	1.437	.822	.098
DTS20x21-xxP/Sx	21	M31X1.0-6g 0.100R	.128	.194	1.250	1.156	1.563	.791	.126
DTS20x23-xxP/Sx	23	M34X1.0-6g 0.100R	.154	.242	1.375	1.250	1.689	.791	.126
DTS20x25-xxP/Sx	25	M37X1.0-6g 0.100R	.154	.242	1.500	1.375	1.811	.791	.126

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 070410 E HAB ALAWNEH CHR 070523 JAMES FRIEDHOF APVD 110511 ALEX RENGIFO		 TE Connectivity	
DIMENSIONS: INCH		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±0.1 2 PLC ±0.01 3 PLC ±0.001 4 PLC ±0.0001 ANGLES ±.		NAME DTS SQUARE FLANGE ENVELOPE	
		PRODUCT SPEC -		APPLICATION SPEC -	
MATERIAL SEE NOTE 2		WEIGHT -		SIZE A2	CAGE CODE -
SEE NOTE 2		CUSTOMER DRAWING		DRAWING NO C-DTS20xxx-xXP/Sx	RESTRICTED TO -
				SCALE 2 500	SHEET 1 OF 1 REV C

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